INDEX TO VOLUME 4

AUTHOR INDEX

A

AARBAKKE, J., BENDING, M.R. & DAVIES, D.S. Increased oxidation of phenylbutazone during hydrocortisone infusion in man, 621

AHMAD, R. *see* RAJAH, S.M., 129

AHMAD, S., PERUCCA, E. & RICHENS, A. The effect of frusemide, mexiletine, (+)-propranolol and three benzodiazepine drugs on interictal spike discharges in the electroencephalograms of epileptic patients, 683

ALBANI, M., SCHULTE, F.J. & TOSELAND, P.A. An index for prescribing phenytoin in childhood, 378

ANDREASEN, F. & CHRISTENSEN, J.H. (introduced by SMITH, A.J.) Individual variation in response to thiopentone, 640P

ANDREASEN, F. *see* HUSTED, S., 559

ANDREW, A., RODDA, B., VERHAEST, L. & VAN WINZUM, C. Diflunisal: six-month experience in osteoarthritis, 45S

ANGELO, M.M., DRING, L.G., IDLE, J.R., LANCASTER, R., MAHGOUB, A. & SMITH, R.L. Defective alicyclic hydroxylation of debrisoquine in man, 725P

ANLEZARK, G. *see* TRIMBLE, M.R., 101S

ANTONIN, K.H. *see* KLOTZ, U., 85

ARENILLAS, L. *see* HINDMARCH, I., 229

ARONSON, J.K. & GRAHAME-SMITH, D.G. Monitoring digoxin therapy: II. Determinants of the apparent volume of distribution, 223

ARONSON, J.K., GRAHAME-SMITH, D.G., HALLIS, K.F., HIBBLE, A. & WOGLEY, F. Monitoring digoxin therapy: I. Plasma concentrations and *in vitro* assay of tissue response, 213

ASHOK, B. *see* VAIDYA, 463

ASHTON, HEATHER, MARSH, V.R., MILLMAN, J.E., STEPNEY, R. & THOMPSON, J.W. The use of event-related slow potentials of the brain as an objective method to analyse the actions of centrally-active drugs in man, 654P

ASHURST, A., HOUSTON, I.B., MAWER, G.E. & SAMBODONGA, L. Factors influencing the therapeutic response to gentamicin treatment in children, 394P

B

BACK, D.J., BRECKENRIDGE, A.M., GAY, FRANCESCA E., McIVER, M., ORME, M.L'E., PARK, B.K., ROWE, P.H. & SMITH, EILEEN. Pharmacokinetics of norethisterone in women, 729P

BACKER, G. *see* SCHACHT, U., 77S

BADIAN, M.J. *see* HEPTNER, W., 123S

BAEDER, C. *see* KELLNER, H.-M., 109S

BAGDON, W.J. *see* STONE, C.A., 19S

BAIRD, S.G. *see* THOMSON, J.E., 701

BALFOUR-LYNN, L. *see* GODFREY, S., 273S

BALL, S.G. & LEE, M.R. The effect of carbidopa administration on urinary sodium excretion in man. Is dopamine an intrarenal natriuretic hormone?, 115

BANNISTER, R. *see* DAVIES, B., 721P

BARBHAIYA, R.H. & TURNER, P. Fluorimetric assay of cephradine, cephalexin and cephaloglycin, 427

BARBHAIYA, R.H. & TURNER, P. A new fluorimetric assay of some cephalosporin antibiotics, 734P

BARKER, N.P *see* JEFFERS, T.A., 523

BARNETT, D., CRAIG, J.G., ROBINSON, D.S. & PERENNA ROGERS, M. Effect of clofibrate on glucose tolerance in maturity onset diabetes, 455

BARUZZI, A. *see* MORSELLI, P.L., 535

BATEMAN, D.N., DAVIES, D.S., KAHN, CLARE & MASHITER, K. Pharmacokinetic and concentration-effect studies with metoclopramide, 650P

BAUDNER, S. *see* HEPTNER, W., 123S

BEARD, R.W. *see* CALDWELL, J., 715P

BEAVIS, J.P. *see* PARSONS, R.L., 433

BECHGAARD, H. *see* LARSEN, S., 529

BECKETT, A.H. & BELANGER, P.M. The metabolism, distribution and elimination of chlorphentermine in man, 193

BEDARD, P., PARKES, J.D. & MARSDEN, C.D. Nomifensine in Parkinson's disease, 187S

BELANGER, P.M. *see* BECKETT, A.H., 193

BELL, J.M., RUSSELL, C.J., NELSON, J.K., KELLY, J.G. & McDEVITT, D.G. Studies of the effect of thyroid dysfunction on the elimination of β-adrenoceptor blocking drugs, 79

BENDER, R. *see* RUPP, W., 143S

BENDING, M.R. *see* AARBAKKE, J., 621

BENEDICT, C.R. *see* HÖRTNAGL, HEIDE, 553

BENNIE, E.H., MANZOOR, A.K.M., SCOTT, A.M. & FELL, G.S. Serum concentrations of lithium after three proprietary preparations of lithium carbonate (Priadel, Phasal and Camcolit), 479

BERDEAUX, A. *see* GIUDICELLI, J.F., 135

BEREND, N. *see* MARLIN, G.E., 77

BIECK, P. *see* KLOTZ, U., 85

BIRCH, N.J., HORSMAN, A., HULLIN, R.P. & NORDIN, B.E.C. Effects on bone of long-term lithium administration in man and the rat, 649P

BIRD, H. *see* WEBER, J.C.P., 283

BLACK, A. KOBZA, GREAVES, M.W., HENSBY, C.N. & PLUMMER, N.A. Arachidonic acid, PGE_2 and $PGF_{2\alpha}$ determined by GC-MS 24 h after irradiation of human skin with ultraviolet B (290–320 nm) and the effect of indomethacin, 643P

BLIZARD, CHRISTINE *see* GEORGE, A.J., 718P

BLOXAM, D.L., CURZON, G. & HUTSON, P.S. A simple, small-volume ultrafiltration apparatus applicable to protein binding studies, 405P

BLUMENTHAL, I. & COSTALOS, C. The effect of metoclopramide on neonatal gastric emptying, 207
BLUMENTHAL, H.P., FUNG, HO-LEUNG, McNIFF, E.F. & YAP, S.K. Plasma nitroglycerin levels after sublingual, oral and topical administration, 241
BOAKES, A.J. Antagonism of bethanidine by mazindol, 486
BOGIE, W., HOMEIDA, M., ROBERTS, C.J.C. & ROBERTS, FIONA. Relationship between urate retention and electrolyte excretion during treatment with loop diuretics, 392P
BOKELMAN, D.L. *see* STONE, C.A., 19S
BOND, ALYSON J., HAILEY, D.M. & LADER, M.H. Plasma concentrations of benzodiazepines, 51
BOND, JANE A. *see* REES, B.I., 732P
BOOBIS, S. & BRODIE, M.J. (introduced by GOLDBERG, A.) The effects of chronic alcohol ingestion and alcoholic liver disease on drug-protein binding, 629P
BORBERG, H. *see* MISHLER, J.M., 591
BORGA, O., ODAR-CEDERLÖF, I., PIAFSKY, K.M. & SJÖQVIST, F. (introduced by DAVIES, D.M.) Plasma protein binding of propranolol in disease states, 627P
BORLAND, R.G. & NICHOLSON, A.N. Residual effects of potassium clorazepate, a precursor of nordiazepam, 86
BORROW, SHARON *see* BREZINOVA, VLASTA, 243
BOSSI, L. *see* MORSELLI, P.L., 535
BOULLIN, D.J. & MOHAN, J. Effects of (+)- and (−)-propranolol on the responses of the human isolated basilar artery to cerebrospinal fluid obtained from patients with subarachnoid haemorrhage and cerebral arterial spasm, 27
BRACHT, H. *see* BREIMER, D.D., 709
BRADBROOK, I.D., JAMES, C. & ROGERS, H.J. A rapid method for the determination of plasma mexiletine levels by gas chromatography, 380
BRADBROOK, I.D. *see* MORRISON, P.J., 597
BRANCH, R.A., KORNHAUSER, D.M., SHAND, D.G., WILKINSON, G.R. & WOOD, A.J.J. Biological determinants of propranolol disposition in normal subjects and patients with cirrhosis, 630P
BRANCH, R.A., ROBERTS, C.J.C., HOMEIDA, M. & LEVINE, D. Determinants of response to frusemide in normal subjects, 121
BRECKENRIDGE, A.M., MACNEE, CHRISTINE M., ORME, N.L'E., RICHARDS, D.A. & STERLIN, M.J. Rate of onset of hypotensive response with oral labetalol, 388P
BRECKENRIDGE, A.M. *see* BACK, D.J., 729P
BREIMER, D.D., BRACHT, H. & DE BOER, A.G. Plasma level profile of nitrazepam (Mogadon) following oral administration, 709
BREZINOVA, VLASTA, BORROW, SHARON, OSWALD, I. & ROBINSON, DOROTHY. Effect of butriptyline on subjective feelings and sleep, 243
BRODIE, M.J. *see* BOOBIS, S., 629P
BROWN, DEIRDRE *see* KENDALL, M.J., 497
BROWN, D.J. *see* MORGAN, D.A.L., 700
BROWN, H. MORROW, STOREY, G. & JACKSON, F.A. Beclomethasone dipropionate aerosol in long-term treatment of perennial and seasonal asthma in children and adults: a report of five-and-half years' experience in 600 asthmatic patients, 259S
BROWN, H. MORROW, STOREY, G. & JACKSON, F.A. Beclomethasone dipropionate aerosol in treatment of perennial and seasonal rhinitis: a review of five years' experience, 283S
BRYSON, S.M., LAWRENCE, J.R. & WHITING, B. (introduced by GOLDBERG, A.) Disopyramide plasma kinetics and pharmacodynamics applied to the assessment of bioavailability, 633P
BULPITT, C.J. *see* DOLLERY, C.T., 295
BURT, R.A.P. *see* SMITH, G.L., 585
BUTLER, J.K. *see* RAMSAY, L.E., 73
BYE, C.E. *see* PECK, A.W., 101

C

CALDWELL, J., LANCASTER, R., MONKS, T.J. & SMITH, R.L. The influence of dietary methylxanthines on the metabolism and pharmacokinetics of intravenously administered theophylline, 637P
CALDWELL, J., WAKILE, L.A., NOTARIANNI, L.J., SMITH, R.L., LIEBERMAN, B.A., JEFFS, J., COY, Y. & BEARD, R.W. Transplacental passage and neonatal elimination of pethidine given to mothers in childbirth, 715P
CALLOWHILL, E.A. *see* WELMAN, ELIZABETH, 549
CALVEY, T.N. & CHAN, K. Plasma concentration and pharmacological effects of pyridostigmine in patients with myasthenia gravis, 404P
CALVEY, T.N., WEBB, SANDRA N. & WILLIAMS, N.E. The differential effects of non-depolarizing muscle relaxants on neuromuscular transmission in man, 404P
CALZETTI, S. *see* PERUCCA, E., 716P
CAMPBELL, I.A. *see* DYSON, A.J., 677
CAPELL, H.A., KONETSCHNIK, B. & GLASS, R.C. Anti-inflammatory analgesic drug responders and non-responders: a clinico-pharmacological study of flurbiprofen, 623
CHADWICK, D., HALLETT, M., JENNER, P. & MARSDEN, C.D. 5-Hydroxytryptophan-induced behaviour in guinea-pigs: its relevance to human myoclonus, 402P
CHAMBERLAIN, J. & HILL, H.M.A. A simple gas chromatographic method for the determination of nomifensine in plasma and a comparison of the method with other available techniques, 117S
CHAN, K. *see* CALVEY, T.N., 404P
CHAPMAN, P.H., RAWLINS, M.D. & SHUSTER, S. Activity of aryl hydroxylase in adult human skin, 393P
CHAPMAN, P.H., RAWLINS, M.D., ROGERS, S. & SHUSTER, S. Aryl hydroxylase activity in psoriatic skin, 644P
CHAPUT DE SAINTONGE, D.M. Measuring patient compliance using single head hairs, 699
CHAPUT DE SAINTONGE, D.M. & MENDELL, N.R. Power curves in clinical trial reports, 656P
CHAPUT DE SAINTONGE, D.M., VERE, D.W. & SHARMAN, V.L. Diazepam or nitrazepam? A question of cost, 492
CHATFIELD, D.H., TARRANT, M.E., SMITH, G.L. & SPEIRS, C.F. Pharmacokinetic studies with benoxaprofen in man: prediction of steady-state levels from single-dose data, 579
CHATFIELD, D.H. *see* SMITH, G.L., 585
CHATTERJEE, S.S. Experience with the use of a corticosteroid aerosol, 255S
CHAUVIN, M. *see* GIUDICELLI, J.F., 135
CHRIST, O. *see* HEPTNER, W., 123S
CHRIST, O. *see* KELLNER, H.-M., 109S
CHRISTENSEN, J.H. *see* ANDREASEN, F., 640P
CIRILLO, V.J. *see* TEMPERO, K.F., 31S

CLARIDGE, R. *see* PECK, A.W., 101
CLARKE, CORAL H. & NICHOLSON, A.N. Immediate and residual effects on human performance of the hydroxylated metabolites of diazepam, 400P
CLARKE, CORAL H. & NICHOLSON, A.N. Activity of N-desmethyldiazepam (nordiazepam), 647P
CLARKE, CORAL H. *see* NICHOLSON, A.N., 567
CLAY, A., SWAIN, A. & TROUNCE, J.R. The effect of quadruple chemotherapy on the peripheral blood lymphocyte populations in Hodgkin's disease, 475
CLIFTON, P. *see* DOLLERY, C.T., 295
CLOUGH, JACQUELINE M. *see* TEALE, J.D., 169
CLUBLEY, M., HENSON, T., PECK, A.W. & RIDDINGTON, C. Effects of caffeine and cyclizine alone and in combination on human performance and subjective ratings, 652P
COBURN, P.R. *see* KONGOLA, G.W.M., 727P
COLEMAN, A.J. *see* FRANKLIN, R.A., 163
COLEMAN, A.J. *see* SWAISLAND, A.J., 61
CONELY, J.M. *see* HUTTON, I., 513
CONOLLY, M.E., DAVIS, C. & GREENACRE, J.K. β-Adrenoceptors in human lymphocytes, bronchus and lung parenchyma, 723P
COOK, D.B. *see* SCANLON, M.F., 191S
COOPER, E.J. & GRANT, I.W.B. Beclomethasone dipropionate aerosol in treatment of chronic asthma, 253S
COSH, J. *see* WEBER, J.C.P., 283
COSTALL, B. & NAYLOR, R.J. Further aspects of nomifensine pharmacology, 89S
COSTALOS, C. *see* BLUMENTHAL, 207
COTES, P. MARY, CROW, T.J. & JOHNSTONE, EVE C. Serum prolactin as an index of dopamine receptor blockade in acute schizophrenia, 651P
COY, Y. *see* CALDWELL, J., 715P
CRAIG, J.G. *see* BARNETT, D., 455
CRAMMER, J.L. *see* NG, C.H., 173
CREMA, A. *see* PERUCCA, E., 716P
CROMPTON, G.K. *see* DUNCAN, D., 669
CROMPTON, G.K. *see* PATERSON, I.C., 605
CROOKS, J. *see* O'MALLEY, K., 309
CROSS, A.J., CROW, T.J., GLOVER, VIVETTE, LOFTHOUSE, R., OWEN, F. & RILEY, G.J. Monoamine oxidase activity in post mortem brains of schizophrenics and controls, 719P
CROSS, A.J., CROW, T.J., KILLPACK, W.S., LONGDEN, A., OWEN, F. & RILEY, G.J. A comparison of dopamine-β-hydroxylase activity in post-mortem brains from schizophrenics and controls, 720P
CROW, M.J. *see* RAJAH, S.M., 129
CROW, T.J., FRITH, C. & JOHNSTONE, EVE C. The clinical effects of the isomers of flupenthixol–the consequences of dopamine receptor blockade in acute schizophrenia, 648P
CROW, T.J., JOHNSTONE, EVE C., RISBY, D. & ROBINSON, J.D. Plasma levels of α- and β-flupenthixol in a trial of the clinical efficacy of the two stereoisomers, 732P
CROW, T.J. *see* COTES, P. MARY, 651P
CROW, T.J. *see* CROSS, A.J., 719P
CROW, T.J. *see* CROSS, A.J., 720P
CURRY, P.V.L. *see* WELMAN, ELIZABETH, 549
CURRY, S.H., WHELPTON, R. & SCOTT, D.F. Changes in reaction time and drug plasma concentrations after nitrazepam and glutethimide, 109
CURZON, G. *see* BLOXAM, D.L., 405P

D

DAIGLE, L. *see* GROF, P., 221S
DAMBLY, MARY *see* KARCH, F.E., 625
DANIEL, J. *see* DOLLERY, C.T., 295
DARGIE, H.J., DAVIES, D.S., DEAN, C.R., DOLLERY, C.T., MALING, T.J.B. & REID, J.L. The effect of noradrenaline infusion on blood pressure and plasma noradrenaline following clonidine administration in man, 389P
DAVIDSON, C., KUSAIL, A.A. & TAYLOR, S.H. Comparative effects of β-adrenoceptor antagonists on airways resistance at rest and during exercise in normal subjects, 636P
DAVIES, B., BANNISTER, R. & SEVER, P. Pressor amines in the treatment of neurogenic postural hypotension–limitations and hazards, 721P
DAVIES, D.M., RAWLINS, M.D. & ROUTLEDGE, P.A. Factors affecting anticoagulant response, 636P
DAVIES, D.M. *see* BORGA, O., 627P
DAVIES, D.S. *see* AARBAKKE, J., 621
DAVIES, D.S. *see* BATEMAN, D.N., 650P
DAVIES, D.S. *see* DARGIE, H.J., 389P
DAVIES, P.S. *see* WEBER, J.C.P., 283
DAVIS, C. *see* CONOLLY, M.E., 723P
DEAN, C.R. *see* DARGIE, H.J., 389P
DE BOER, A.G. *see* BREIMER, D.D., 709
DEBONO, A.G. *see* PARKES, J.D., 343
de GROOT, A.C. *see* HERXHEIMER, A., 337
DE SCHEPPER, P.J., MULLIE, A., TJANDRAMAGA, T.B., VERBEECK, R., VERBERCKMOES, R. (introduced by GRAHAME-SMITH, D.G.) Pharmacokinetics of diflunisal elimination in patients with renal insufficiency, 645P
DEWAR, J.H. *see* SCANLON, M.F., 191S
DIXON, A.St.J. *see* WEBER, J.C.P., 283
DOBBS, SYLVIA M., RODGERS, ELAINE M., KENYON, W.I., LIVSHIN, D., SLATER, E. & GODSMARK, BERNICE. Digoxin prescribing in perspective, 327
DOBBS, SYLVIA M. *see* TURNER, JENNIFER, 489
DOLLERY, C.T., BULPITT, C.J., DANIEL, J. & CLIFTON, P. Eye symptoms in patients taking propranolol and other hypotensive agents, 295
DOLLERY, C.T., HAMILTON, C.A. & MALING, T.J.B. Changes in sleep pattern, blood pressure, heart rate and plasma noradrenaline after night-time administration of slow release clonidine, 634P
DOLLERY, C.T. *see* DARGIE, H.J., 389P
DRING, L.G., KAMANYIRO, G.H., LANCASTER, R. & SMITH, R.L. Absence of correlation between the oral pharmacokinetics and response to bethanidine, 390P
DRING, L.G. *see* ANGELO, M.M., 725P
DRING, L.G. *see* MAHGOUB, A., 726P
DUNCAN, D., PATERSON, I.C., HARRIS, D. & CROMPTON, G.K. Comparison of the bronchodilator effects of salbutamol inhaled as a dry powder and by conventional pressurised aerosol, 669
DUNDEE, J.W., JOHNSTON, H.M.L., LILBURN, J.K., NAIR, S.G. & SCOTT, M.G. A placebo-controlled comparison of the sedative properties of three benzodiazepines, lorazepam, flunitrazepam and fosazepam, 706
DUNDEE, J.W., JONES, C.J. & MIRAKHUR, R.K. The evaluation of the anticholinergic activity of glycopyrronium, 383P
DUNDEE, J.W., LILBURN, J.K. & MOORE, J. Attenuation of the cardiostimulatory effects of ketamine, 658P
DUNDEE, J.W. *see* GEORGE, K.A., 45

DUNDEE, J.W. *see* LILBURN, J.K., 641P
DYSON, A.J. & CAMPBELL, I.A. Interaction between choline theophyllinate and salmefamol in patients with reversible airways obstruction, 677

E

EADIE, M.J., LANDER, C.M., HOOPER, W.D. & TYRER, J.H. Factors influencing plasma phenobarbitone levels in epileptic patients, 541
EDGE, GERALDINE, LONGBOTTOM, JOAN L., TEE, ROSEMARY D. & PEPYS, J. Immunological investigations of *Candida albicans* in respiratory disease, 303S
EHSANULLAH, R.S.B. & TURNER, P. Effects of nomifensine *in vitro* on uptake of 5-hydroxytryptamine and dopamine into human platelets, 159S
EHSANULLAH, R.S.B., KIRBY, MARILYN J., LEIGHTON, MONICA & OH, V.M.S. Some clinical pharmacological studies with ciclazindol hydrochloride, 400P
ELLARD, G.A. & GAMMON, PATRICIA T. Acetylator phenotyping of tuberculosis patients using matrix isoniazid or sulphadimidine and its prognostic significance for treatment with several intermittent isoniazid-containing regimens, 5
ELWOOD, R.K., KELLY, J.G. & McDEVITT, D.G. Observations on the pharmacokinetics of a microcrystalline theophylline tablet, 728P
EMMERSON, PAULINE M. *see* MISHLER, J.M., 591
ERIKSSON, N. *see* THIRINGER, G., 293S
EVERED, D.C. *see* SCANLON, M.F., 191S

F

FARHOUMAND, N., HARRISON, JEAN & WADSWORTH, JANE (introduced by TURNER, P.) Controlled comparison of a single high dose of oxprenolol with lorazepam on stress-induced physiological changes and on some psychophysiological variables, 402P
FELL, G.S. *see* BENNIE, E.H., 479
FINDLEY, L.J. *see* PARK, D.M., 185S
FORREST, A., HEWETT, A. & NICHOLSON, P. Controlled randomized group comparison of nomifensine and imipramine in depressive illness, 215S
FOWLE, A.S.E. & O'GRADY, J. Methods of repeated venous sampling in man, 497
FRANKLIN, R.A., SOUTHGATE, P.J. & COLEMAN, A.J. Studies on the absorption and disposition of meptazinol following rectal administration, 163
FRANKLIN, R.A. *see* SWAISLAND, A.J., 61
FRASER, H.M. *see* HEPTNER, W., 123S
FRECKER, R.C. *see* GILES, H.G., 711
FRENCH, J. *see* JOHNSON, B.F., 209
FRIEDMAN, L.A. & LEWIS, P.J. Reduction of human cord serum bilirubin binding capacity by different antibiotics, 395P
FRIGO, G.M., PERUCCA, E., TEGGIA-DROGHI, M., GATTI, G., MUSSINI, A. & SALERNO, J. Comparison of quinidine plasma concentration curves following oral administration of some short- and long-acting formulations, 449
FRIGO, G.M. *see* PERUCCA, E., 716P
FRISK-HOLMBERG, M. & PAALZOW, L.K. (introduced by SMITH, A.J.) Pharmacokinetics of clonidine and its relation to the hypotensive effect in patients, 633P
FRITH, C. *see* CROW, T.J., 748P
FUNG, HO-LEUNG *see* BLUMENTHAL, H.P., 241

G

GAMMON, PATRICIA T. *see* ELLARD, G.A., 5
GARRETTSON, L.K. & GOMEZ, M. Phenytoin–primidone interaction, 693
GATTI, G. *see* FRIGO, G.M., 449
GATTI, G. *see* PERUCCA, E., 716P
GAY, FRANCESCA E. *see* BACK, D.J., 729P
GEORGE, A.J., BLIZARD, CHRISTINE & JOHN, B. Is there an association between personality and monoamine oxidase type?, 718P
GEORGE, K.A. & DUNDEE, J.W. Relative amnesic actions of diazepam, flunitrazepam and lorazepam in man, 45
GEORGE, C.F. *see* HOLGATE, S.T., 385P
GERNA, M. *see* MORSELLI, P.L., 535
GHOSE, KARABI. Studies on the interaction between mianserin and noradrenaline in patients suffering from depressive illness, 712
GHOSE, KARABI & TURNER, P. The menstrual cycle and the tyramine pressor response test, 500
GHOSE, KARABI, HUSTON, G.J., KIRBY, MARILYN, J., WITTS, D.J. & TURNER, P. Some clinical pharmacological studies with butriptyline, an antidepressive drug, 91
GIBBY, O.M. *see* HARTLEY, J.P.R., 673
GILES, H.G., ZILM, D.H., FRECKER, R.C., MACLEOD, S.M. & SELLERS, E.M. Saliva and plasma concentrations of diazepam after a single oral dose, 711
GIUDICELLI, J.F., RICHER, CHRISTINE, CHAUVIN, M., IDRISSI, N. & BERDEAUX, A. Comparative β-adrenoceptor blocking effects and pharmacokinetics of penbutolol and propranolol in man, 135
GLASS, R.C. *see* CAPELL, H.A., 623
GLODE, L.M., ISRAEL, M., PEGG, W.J. & WILKINSON, P.M. Hepatobiliary metabolism and excretion of adriamycin (ADR) in man, 639P
GLOVER, VIVETTE *see* CROSS, A.J., 719P
GODFREY, S., BALFOUR-LYNN, L. & TOOLEY, M. Beclomethasone dipropionate aerosol in childhood asthma: a three- to five-year follow-up, 273S
GODSMARK, BERNICE *see* DOBBS, SYLVIA M., 327
GOLDBERG, A. *see* BOOBIS, S., 629P
GOLDBERG, A. *see* BRYSON, S.M., 633P
GOLDSTRAW, P.W., TAYLOR, S.H., THADANI, U. & WATT, S.J. Slow release oxprenolol in angina pectoris, 387P
GOMEZ, M. *see* GARRETTSON, L.K., 693
GOMEZ-PAN, A. *see* SCANLON, M.F., 191S
GOTHONI, G. *see* PENTIKÄINEN, P.J., 39
GOULBOURN, ROSEMARY A. *see* SMITH, G.L., 585
GRAHAM, R.M. *see* NYBERG, G., 469
GRAHAME-SMITH, D.G. *see* ARONSON, J.K., 213
GRAHAME-SMITH, D.G. *see* ARONSON, J.K., 223
GRAHAME-SMITH, D.G. *see* DE SCHEPPER, P.J., 645P
GRAHAME-SMITH, D.G. *see* HÖRTNAGL, HEIDE, 553
GRANT, I.W.B. & TURNER, P. Beclomethasone dipropionate aerosol, 251S
GRANT, I.W.B. *see* COOPER, E.J., 253S
GRANT, I.W.B. *see* PATERSON, I.C., 376

GREAVES, M.W., MARKS, R. & ROBERTSON, I. Subclasses of histamine receptors on human skin blood vessels and their possible clinical significance, 657P
GREAVES, M.W. *see* BLACK, A. KOBZA, 643P
GREAVES, M.W. *see* MARKS, R., 367
GREENACRE, J.K. *see* CONOLLY, M.E., 723P
GREGG, I. Experience of the use of beclomethasone dipropionate aerosol in general practice, 275S
GRIFFITH, D. *see* HARES, PAMELA, 373
GRINGERI, A. *see* KARCH, F.E., 625
GROF, P., SAXENA, B., DAIGLE, L. & MAHUTTE, G. Dopaminergic agonist nomifensine compared with amitryptiline: a double-blind clinical trial in acute primary depressions, 221S
GROSS, R. *see* MISHLER, J.M., 591
GWYNN, C.M. & SMITH, J. MORRISON. Long-term results with beclomethasone dipropionate aerosol in children with bronchial asthma: why does it sometimes fail?, 269S

H

HABERMANN, W. A review of controlled studies with nomifensine, performed outside the UK, 237S
HAILEY, D.M. *see* BOND, ALYSON J., 51
HALL, D. Rapid fluorimetric assay of minocycline in plasma or serum: comparison with microbiological assay, 57
HALL, D. & TURNER, P. Simultaneous pharmacokinetic analysis for comparison of absorption, distribution and elimination of some tetracycline antibiotics, 638P
HALL, R. *see* HEATH, M., 652P
HALL, R. *see* SCANLON, M.F., 191S
HALLETT, M. *see* CHADWICK, D., 402P
HALLIS, K.F. *see* ARONSON, J.K., 213
HALLIWELL, M., HOMEIDA, M. & ROBERTS, C.J.C. Value of liver volume measurement in the study of antipyrine kinetics in liver disease, 393P
HALLIWELL, M., HOMEIDA, M., ROBERTS, C.J.C. & SWIFT, C.G. A study of antipyrine kinetics in relation to liver size in the elderly, 730P
HALLWORTH, G.W. An improved design of powder inhaler, 689
HAMILTON, C.A. *see* DOLLERY, C.T., 634P
HANKS, G.W. A profile of nomifensine, 243S
HANKS, G.W. *see* HINDMARCH, I., 573
HANNAH, J., RUYLE, W.V., JONES, H., MATZUK, A.R., KELLY, K.W., WITZEL, B.E., HOLTZ, W.J., HOUSER, R.W., SHEN, T.Y. & SARETT, L.H. Discovery of diflunisal, 7S
HARDING, P.A. *see* MANN, J.I., 305
HARES, PAMELA, JAMES, I.M. & GRIFFITH, D. The effect of acebutolol on the cerebral circulation of man, 373
HARRIS, D. *see* DUNCAN, D., 669
HARRISON, D.C. *see* WINKLE, R.A., 519
HARRISON, I.R. *see* RAMSAY, L.E., 247
HARRISON, JEAN *see* FARHOUMAND, N., 402P
HARRISON, M.P. *see* PICKUP, M.E., 357
HARRY, J.D. & YOUNG, J. The duration of action of atenolol in man, 387P
HARTLEY, J.P.R., NOGRADY, S.G., GIBBY, O.M. & SEATON, A. Bronchodilator effects of dry salbutamol powder administered by Rotahaler, 673
HARTNETT, B.J.S. *see* MARLIN, G.E., 77
HARVEY, P. *see* RODEN, S., 245
HEATH, M., MORA, B., SCANLON, M.F., SHALE, D., SNOW, M.M. & HALL, R. (introduced by THOMPSON, J.W.) Neuroregulation of thyrotrophin (TSH) secretion in man, 652P
HENSBY, C.N. *see* BLACK, A. KOBZA, 643P
HENSON, T. *see* CLUBLEY, M., 652P
HEPTNER, W., BADIAN, M.J., BAUDNER, S., CHRIST, O., FRASER, H.M., RUPP, W., WEIMER, K.E. & WISSMANN, H. Determination of nomifensine by a sensitive radioimmunoassay, 123S
HEPTNER, W. *see* KELLNER, H.-M., 109S
HEPTNER, W. *see* RINGOIR, S., 129S
HEPTNER, W. *see* RUPP, W., 143S
HERXHEIMER, A. & de GROOT, A.C. Some effects of injected hyoscine butylbromide: a versatile class experiment in human pharmacology, 337
HERXHEIMER, A. & MAHADEVA, S. Plasma prednisolone levels after administration in plain and enteric-coated tablets, 702
HETTIARACHCHI, J., McINNES, G.T., RAMSAY, L.E., SCOTT, P. & SHELTON, J. Bumetanide and frusemide: qualitative differences, 644P
HEWETT, A. *see* FORREST, A., 215S
HEWETT, A.J. *see* HINDMARCH, I., 573
HEWICK, D.S., NEWBURY, P., HOPWOOD, S., NAYLOR, G. & MOODY, J. Age as a factor affecting lithium therapy, 201
HEWICK, D.S., SPARKS, R.G., STEVENSON, I.H. & WATSON, I.D. Induction of imipramine metabolism following barbiturate administration, 399P
HEWICK, D.S. *see* SHEPHERD, A.M.M., 315
HIBBLE, A. *see* ARONSON, J.K., 213
HILDYARD, A. *see* SCANLON, M.F., 191S
HILL, H. *see* McLEAN BAIRD, I., 386P
HILL, H.M.A. *see* CHAMBERLAIN, J., 117S
HILLIS, W.S. *see* HUTTON, I., 513
HINDMARCH, I. Laboratory investigation of effect of acute doses of nomifensine on a simulated aspect of night-time car driving performance, 175S
HINDMARCH, I., HANKS, G.W. & HEWETT, A.J. Clobazam, a 1,5-benzodiazepine, and car-driving ability, 573
HINDMARCH, I. & PARROTT, A.C. Repeated dose comparison of nomifensine, imipramine and placebo on subjective assessments of sleep and objective measures of psychomotor performance, 167S
HINDMARCH, I., PARROTT, A.C. & ARENILLAS, L. A repeated dose comparison of dichloralphenazone, flunitrazepam and amylobarbitone sodium on some aspects of sleep and early morning behaviour in normal subjects, 229
HOFFMANN, IRMGARD. A comparative review of the pharmacology of nomifensine, 69S
HOLGATE, S.T. & TATTERSFIELD, A.E. (introduced by GEORGE, C.F.) Induction of bronchial β-adrenergic receptor resistance in normal man, 395P
HOLT, D.W., WILLIAMSON, J.D. & VOLANS, G.N. Digoxin measurements in general practice, 321
HOLTZ, W.J. *see* HANNAH, J., 7S
HOMEIDA, M. *see* BOGIE, W., 392P
HOMEIDA, M. *see* BRANCH, R.A., 121
HOMEIDA, M. *see* HALLIWELL, M., 393P
HOMEIDA, M. *see* HALLIWELL, M., 730P
HOOPER, W.D. *see* EADIE, M.J., 541
HOPWOOD, S. *see* HEWICK, D.S., 201
HORNKE, I. *see* KELLNER, H.-M., 109S

HORNNES, P. *see* LARSEN, S., 529
HORSMAN, A. *see* BIRCH, N.J., 649P
HÖRTNAGL, HEIDE, BENEDICT, C.R., GRAHAME-SMITH, D.G. & McGRATH, B. A sensitive radioenzymatic assay for adrenaline and noradrenaline in plasma, 553
HOSSACK, GILLIAN A. *see* PARSONS, R.L., 267
HOSSACK, GILLIAN A. *see* PARSONS, R.L., 406P
HOSSACK, GILLIAN A. *see* PARSONS, R.L., 433
HOUSER, R.W. *see* HANNAH, J., 7S
HOUSTON, I.B. *see* ASHURST, A., 394P
HOUSTON, J.B. Effect of vitamin C supplement on antipyrine disposition in man, 236
HOWIE, J.G.R., JEFFERS, T.A., MILLAR, H.R. & PETRIE, J.C. Prevention of adverse drug interactions, 611
HUGHES, L.E. *see* REES, B.I., 732P
HUGHES, R. & PAYNE, J.P. Interaction of halothane with non-depolarizing neuromuscular blocking drugs in man, 384P
HULLIN, R.P. *see* BIRCH, N.J., 649P
HULME, B. *see* JAMES, V.H.T., 704
HUNTER, K.R. James Parkinson (1755–1824): a lesson for clinical pharmacology in 1977, 667
HUSTED, S. & ANDREASEN, F. The influence of age on the response to anticoagulants, 559
HUSTON, G.J. (introduced by TURNER, P.) Measurement of buccal potential difference in the assessment of mucosal damaging agents, 408P
HUSTON, G.J. *see* GHOSE, KARABI, 91
HUTSON, P.S. *see* BLOXAM, D.L., 405P
HUTTON, I., HILLIS, W.S., LANGHAN, C.E., CONELY, J.M. & LAWRIE, T.D.V. Cardiovascular effects of a new inotropic agent, U.K. 14275, in patients with coronary heart disease, 513

I

IDLE, J.R. *see* ANGELO, M.M., 725P
IDLE, J.R. *see* MAHGOUB, A., 726P
IDRISSI, N. *see* GIUDICELLI, J.F., 315
IISALO, E., KANGAS, L. & RUIKKA, I. (introduced by RAWLINS, M.D.) Pharmacokinetics of nitrazepam in young volunteers and aged patients, 646P
INGS, R.M.J. *see* KELLNER, H.-M., 109S
INGS, R.M.J. *see* McLEAN BAIRD, I., 386P
ISRAEL, M. *see* GLODE, L.M., 639P

J

JACKSON, F.A. *see* BROWN, H. MORROW, 259S
JACKSON, F.A. *see* BROWN, H. MORROW, 283S
JAMES, C. *see* BRADBROOK, I.D., 380
JAMES, I.M. *see* HARES, PAMELA, 373
JAMES, V.H.T. & HULME, B. Plasma prednisolone levels after administration in plain and enteric-coated tablets (a reply), 704
JEFFERS, T.A., WEBSTER, J., PETRIE, J.C. & BARKER, N.P. Atenolol once-daily in hypertension, 523
JEFFERS, T.A. *see* HOWIE, J.G.R., 611
JEFFS, J. *see* CALDWELL, J., 715P
JENNER, F.A. Some of the problems and difficulties associated with clinical studies of anti-depressant agents, 199S
JENNER, P. *see* CHADWICK, D., 402P
JENNER, P. *see* PARKES, J.D., 343
JENSEN, R.D. *see* STONE, C.A., 19S
JICK, H. *see* LAWSON, D.H., 507
JOHN, B. *see* GEORGE, A.J., 718P
JOHNSON, A.J. *see* PICKUP, M.E., 357
JOHNSON, B.F., SMITH, GILLIAN & FRENCH, J. The comparability of dosage regimens of lanoxin tablets and lanoxicaps, 209
JOHNSON, I.I. *see* McLEAN BAIRD, I., 386P
JOHNSTON, G.D. & McDEVITT, D.G. Digoxin compliance in patients from general practice, 391P
JOHNSTON, H.M.L. *see* DUNDEE, J.W., 706
JOHNSTONE, EVE C. *see* COTES, P. MARY, 651P
JOHNSTONE, EVE C. *see* CROW, T.J., 648P
JOHNSTONE, EVE C. *see* CROW, T.J., 732P
JONES, C.J. *see* DUNDEE, J.W., 383P
JONES, H. *see* HANNAH, J., 7S

K

KAHN, CLARE *see* BATEMAN, D.N., 650P
KAMANYIRO, G.H. *see* DRING, L.G., 390P
KAMBUROFF, P.L., PRIME, F.J. & SCHMIDT, O.-P. The bronchodilator effect of NAB 365, 67
KANGAS, L. *see* IISALO, E., 646P
KARCH, F.E., WARDELL, W.M., DAMBLY, MARY & GRINGERI, A. Effect of halofenate on the serum binding of phenytoin, 625
KARLSSON, E. & SONNHAG, C. (introduced by RAWLINS, M.D.) Comparative evaluation of procainamide and its main metabolite, N-acetyl-procainamide, in the acute treatment of ventricular arrhythmias, 632P
KATHER, H. & SIMON, B. β-Adrenoceptor blocking agents and human fat cell adenylate cyclase, 499
KATHER, H. *see* SIMON, B., 487
KAYE, C.M., ORTON, D. & TAYLOR, ELIZABETH A. (introduced by TURNER, P.) Plasma–salivary ratios of acebutolol and propranolol, 724P
KELLNER, H.-M., BAEDER, C., CHRIST, O., HEPTNER, W., HORNKE, I. & INGS, R.M.J. Kinetics and metabolism of nomifensine in animals, 109S
KELLY, J.G., LEAHEY, W.J., McDEVITT, D.G. & RIDDELL, J.G. Does ampicillin affect practolol kinetics?, 396P
KELLY, J.G. & McDEVITT, D.G. Plasma protein binding of drugs in thyroid dysfunction, 628P
KELLY, J.G. *see* BELL, J.M., 79
KELLY, J.G. *see* ELWOOD, R.K., 728P
KELLY, K.W. *see* HANNAH, J., 7S
KENDALL, M.J. A year in industry, 3
KENDALL, M.J., BROWN, DEIRDRE & YATES, R.A. Plasma metoprolol concentrations in young, old and hypertensive subjects, 497
KENYON, W.I. *see* DOBBS, SYLVIA M., 327
KERR, T.A. *see* LITTLE, J., 227S
KERR, T.A. *see* McCLELLAND, H.A., 233S
KILLPACK, W.S. *see* CROSS, A.J., 720P
KIRBY, MARILYN J. & TURNER, P. Ciclazindol and mazindol on glucose uptake into human isolated skeletal muscle: no interaction of mazindol with methysergide, 459
KIRBY, MARILYN J. *see* EHSANULLAH, R.S.B., 400P
KIRBY, MARILYN J. *see* GHOSE, KARABI, 91
KLOTZ, U., ANTONIN, K.H. & BIECK, P. Food intake and plasma binding of diazepam, 85

KONETSCHNIK, B. *see* CAPELL, H.A., 623
KONGOLA, G.W.M., COBURN, P.R. & MAWER, G.E. Comparison of medigoxin and digoxin in patients with atrial fibrillation, 727P
KORF, J. *see* VAN SCHEYEN, J.D., 179S
KORNHAUSER, D.M. *see* BRANCH, R.A., 630P
KRIKLER, D.M. *see* WELMAN, ELIZABETH, 549
KUSAIL, A.A. *see* DAVIDSON, C., 636P

L

LADER, M. Human pharmacology of antidepressives, 135S
LADER, M.H. *see* BOND, ALYSON J., 51
LAMEIRE, N. *see* RINGOIR, S., 129S
LANCASTER, R. *see* ANGELO, M.M., 725P
LANCASTER, R. *see* CALDWELL, J., 637P
LANCASTER, R. *see* DRING, L.G., 390P
LANCASTER, R. *see* MAHGOUB, A., 726P
LANDER, C.M. *see* EADIE, M.J., 541
LANGHAN, C.E. *see* HUTTON, I., 513
LANGMAN, M.J.S. & SMITHARD, D.J. Antipyrine metabolism in iron deficiency, 631P
LARSEN, S., VEJTORP, L., HORNNES, P., BECHGAARD, H., SESTOFT, L. & LYNGSØE, J. Metabolic effects of fenfluramine in obese diabetics, 529
LAWRENCE, J.R. *see* BRYSON, S.M., 633P
LAWRIE, T.D.V. *see* HUTTON, I., 513
LAWSON, D.H. Intravenous fluids in medical in-patients, 299
LAWSON, D.H. & JICK, H. Adverse reactions to procainamide, 507
LEAHEY, W.J. *see* KELLY, J.G., 396P
LEE, M.R. *see* BALL, S.G., 115
LEIGHTON, MONICA *see* EHSANULLAH, R.S.B., 400P
LENNARD, M.S., SILAS, J.H., SMITH, A.J. & TUCKER, G.T. Concentration of debrisoquine by human platelets *in vivo*: relationship to hypotensive effect, 635P
LEVEN, M. *see* SCHACHT, U., 77S
LEVINE, D. *see* BRANCH, R.A., 121
LEVY, G. Pharmacokinetic interpretation of steady state concentration of antipyrine and other drugs in plasma, 89
LEWIS, P.J. *see* FRIEDMAN, L.A., 395P
LIEBERMAN, B.A. *see* CALDWELL, J., 715P
LILBURN, J.K., DUNDEE, J.W. & NAIR, S.G. Attenuation of psychic sequelae from ketamine, 641P
LILBURN, J.K. *see* DUNDEE, J.W., 658P
LILBURN, J.K. *see* DUNDEE, J.W., 706
LILJEQUIST, R. & MATTILA, M.J. Codeine-induced facilitation of memory functions, 654P
LINGJAERDE, O. Nomifensine symposium: discussion after paper by R. Ehsanullah and P. Turner, 165S
LISTER, J. *see* WEBER, J.C.P., 283
LITTLE, J., McCLELLAND, H.A. & KERR, T.A. Videotape technique in assessing antidepressants, 227S
LITTLE, J.C. *see* McCLELLAND, H.A., 233S
LIVSHIN, D. *see* DOBBS, SYLVIA M., 327
LOFTHOUSE, R. *see* CROSS, A.J., 719P
LONGBOTTOM, JOAN L. *see* EDGE, GERALDINE, 303S
LONGDEN, A. *see* CROSS, A.J., 720P
LOTTI, V.J. *see* STONE, C.A., 19S
LUND-JOHANSEN, P. Haemodynamic long-term effects of prazosin plus tolamolol in essential hypertension, 141
LUND-JOHANSEN, P. & OHM, O.-J. Haemodynamic long-term effects of metoprolol at rest and during exercise in essential hypertension, 147
LYNGSØE, J. *see* LARSEN, S., 529

M

MAHADEVA, S. *see* HERXHEIMER, A., 702
MAHGOUB, A., IDLE, J.R., DRING, L.G., LANCASTER, R. & SMITH, R.L. A population and familial study of the defective hydroxylation of debrisoquine, 726P
MAHGOUB, A. *see* ANGELO, M.M., 725P
MAHUTTE, G. *see* GROF, P., 221S
MAJERUS, P.W. & STANFORD, NANCY. Comparative effects of aspirin and diflunisal on prostaglandin synthetase from human platelets and sheep seminal vesicles, 15S
MALING, T.J.B. *see* DARGIE, H.J., 389P
MALING, T.J.B. *see* DOLLERY, C.T., 634P
MALMBERG, R. *see* THIRINGER, G., 293S
MANKODI, N.A. *see* VAIDYA, 463
MANN, J.I., HARDING, P.A., TURNER, R.C. & WILKINSON, R.H. A comparison of cholestyramine and nicotinic acid in the treatment of familial type II hyperlipoproteinaemia, 305
MANNINEN, V. *see* REISSELL, P., 235
MANZOOR, A.K.M. *see* BENNIE, E.H., 479
MARKS, R. & GREAVES, M.W. Vascular reaction to histamine and compound 48/80 in human skin: suppression by a histamine H_2-receptor blocking agent, 367
MARKS, R. *see* GREAVES, M.W., 657P
MARKS, *see* TEALE, J.D., 169
MARLIN, G.E., HARTNETT, B.J.S. & BEREND, N. Comparative potencies and β_2-adrenoceptor selectivities of rimiterol and salbutamol aerosols, 77
MARSDEN, C.D. *see* BEDARD, P., 187S
MARSDEN, C.D. *see* CHADWICK, D., 402P
MARSH, V.R. *see* ASHTON, HEATHER, 654P
MASHITER, K. *see* BATEMAN, D.N., 650P
MASSON, J.P. *see* OHNHAUS, E.E., 639P
MATTILA, M.J. *see* LILJEQUIST, R., 654P
MATZUK, A.R. *see* HANNAH, J., 7S
MAWER, G.E. Phenytoin in grand mal epilepsy: a teaching game based on computer simulation, 735P
MAWER, G.E. *see* ASHURST, A., 394P
MAWER, G.E. *see* KONGOLA, G.W.M., 727P
MAY, C.S. & PALMER, K.N.V. Effect of aerosol ipratropium bromide (SCH 1000) on sputum viscosity and volume in chronic bronchitis, 491
MAY, C.S. *see* PICKUP, M.E., 357
MAY, C.S. *see* WILSON, C.G., 351
MAY, C.S. *see* WILSON, C.G., 703
MEFFIN, P.J. *see* WINKLE, R.A., 519
MEIER, J. & NÜESCH, J. Pindolol, a β-adrenoceptor blocking agent with negligible first-pass effect, 371
MELDRUM, B.S. *see* TRIMBLE, M.R., 101S
MENDELL, N.R. *see* CHAPUT de SAINTONGE, D.M., 656P
MENDLOWSKI, B. *see* STONE, C.A., 19S
MILLAR, H.R. *see* HOWIE, J.G.R., 611
MILLMAN, J.E. (introduced by THOMPSON, J.W.) An EEG method to monitor drug effects on the stimulus, response and motor components of reaction time, 659P
MILLMAN, J.E. *see* ASHTON, HEATHER, 654P
MINSKER, D.H. *see* STONE, C.A., 19S

MIRAKHUR, R.K. *see* JONES, C.J., 383P
MISHLER, J.M., BORBERG, H., EMMERSON, PAULINE M. & GROSS, R. Hydroxyethyl starch. An agent for hypovolaemic shock treatment II. Urinary excretion in normal volunteers following three consecutive daily infusions, 591
MITCHARD, M. *see* RODEN, S., 245
MITCHARD, M. *see* WISE, R., 615
MOHAN, J. *see* BOULLIN, D.J., 27
MONKS, T.J. *see* CALDWELL, J., 637P
MOODY, J. *see* HEWICK, D.S., 201
MOORE, J. *see* DUNDEE, J.W., 658P
MORA, B. *see* HEATH, M., 652P
MORA, B. *see* SCANLON, M.F., 191S
MORELAND, T.A., *see* SHEPHERD, A.M.M., 315
MORGAN, D.A.L. & BROWN, D.J. Ibuprofen and flurbiprofen: no interference with urine tests, 700
MORRISON, P.J., BRADBROOK, I.D. & ROGERS, H.J. Plasma prednisolone levels from enteric and non-enteric coated tablets estimated by an original technique, 597
MORSELLI, P.L., BARUZZI, A., GERNA, M., BOSSI, L. & PORTA, M. Carbamazepine and carbamazepine-10,11-epoxide concentrations in human brain, 535
MULLEN, ANN & WILSON, C.W.M. The bimodal excretion of ascorbic acid following loading doses of Vitamin C, 731P
MULLEN, P.W. Cancer immunotherapy and drug disposition, 695
MULLEN, P.W. A novel graphical procedure for individualizing phenytoin therapy, 733P
MULLIE, A. *see* DE SCHEPPER, P.J., 645P
MUNCHE, M. *see* RINGOIR, S., 129S
MUSSINI, A. *see* FRIGO, G.M., 449
MYGIND, N. Effects of beclomethasone dipropionate aerosol on nasal mucosa, 287S

Mc

McCLELLAND, H.A., KERR, T.A. & LITTLE, J.C. A clinical comparison of nomifensine and amitriptyline, 233S
McCLELLAND, H.A. *see* LITTLE, J., 227S
McDEVITT, D.G. The First Smith, Kline & French Foundation Prize Lecture, University of Liverpool, March 1977. The assessment of β-adrenoceptor blocking drugs in man, 413
McDEVITT, D.G. & SHANKS, R.G. Evaluation of once daily sotalol administration in man, 153
McDEVITT, D.G. *see* BELL, J.M., 79
McDEVITT, D.G. *see* ELWOOD, R.K., 728P
McDEVITT, D.G. *see* JOHNSTON, G.D., 391P
McDEVITT, D.G. *see* KELLY, J.G., 396P
McDEVITT, D.G. *see* KELLY, J.G., 628P
McEWEN, J. Influence of nomifensine and desipramine on tyramine pressor responses in healthy volunteers, 157S
McEWEN, J. *see* McLEAN BAIRD, I., 386P
McGILL, A.P.J. *see* TURNER, JENNIFER, 489
McGRATH, B. *see* HÖRTNAGL, HEIDE, 553
McINNES, G.T. *see* HETTIARACHCHI, J., 644P
McIVER, M. *see* BACK, D.J., 729P
McKINNEY, S.E. *see* STONE, C.A., 19S
McLEAN, A.E.M. Chlorofluorocarbons–in the can, in man and in the atmosphere, 663
McLEAN BAIRD, I., HILL, H., INGS, R.M.J., JOHNSON, K.I. & McEWEN, J. Dynamic and kinetic comparison of penbutolol and propranolol in healthy volunteers, 386P
MACLEOD, S.M. *see* GILES, H.G., 711
MACNEE, CHRISTINE M. *see* BRECKENRIDGE, A.M., 388P
McNIFF, E.F. *see* BLUMENTHAL, H.P., 241
MACONOCHIE, J.G., RICHARDS, D.A. & WOODINGS, E.P. Modification of pressor responses induced by 'cold', 389P
MACONOCHIE, J.G., WOODINGS, E.P. & RICHARDS, D.A. Effects of labetalol and propranolol on histamine-induced bronchoconstriction in normal subjects, 157
MACONOCHIE, J.G. *see* RICHARDS, D.A., 15

N

NAIR, S.G. *see* DUNDEE, J.W., 706
NAIR, S.G. *see* LILBURN, J.K., 641P
NATION, R.L., TRIGGS, E.J. & SELIG, M. Lignocaine kinetics in cardiac patients and aged subjects, 439
NAYLOR, G. *see* HEWICK, D.S., 201
NAYLOR, R.J. *see* COSTALL, B., 89S
NELSON, J.K. *see* BELL, J.M., 79
NEUVONEN, P.J. *see* PENTIKÄINEN, P.J., 39
NEWBURY, P. *see* HEWICK, D.S., 201
NG, C.H. & CRAMMER, J.L. Measurement of thioridazine in blood and urine, 173
NICHOLSON, A.N. & STONE, BARBARA M. Studies on the sleep of the young adult after caffeine, 717P
NICHOLSON, A.N., STONE, BARBARA M. & CLARKE, CORAL H. Effect of the 1,5-benzodiazepines, clobazam and triflubazam, on sleep in man, 567
NICHOLSON, A.N. & WRIGHT, CATHERINE M. Activity of fosazepam, a soluble analogue of diazepam, 494
NICHOLSON, A.N. *see* BORLAND, R.G., 86
NICHOLSON, A.N. *see* CLARKE, CORAL H., 400P
NICHOLSON, A.N. *see* CLARKE, CORAL H., 647P
NICHOLSON, P. *see* FORREST, A., 215S
NICHOLSON, P.A. & TURNER, P. Nomifensine, 55S
NICHOLSON, P.W. *see* TURNER, JENNIFER, 489
NOGRADY, S.G. *see* HARTLEY, J.P.R., 673
NORDIN, B.E.C. *see* BIRCH, N.J., 649P
NOTARIANNI, L.J. *see* CALDWELL, J., 715P
NÜESCH, J. *see* MEIER, J., 371
NÜESCH, E. *see* OHNHAUS, E.E., 728P
NYBERG, G. Indirect blood pressure and heart rate measured quickly without observer bias using a semi-automatic machine (Auto-Manometer)–response to isometric exercise in normal healthy males and its modification by β-adrenoceptor blockade, 275
NYBERG, G., GRAHAM, R.M. & STOKES, G.S. The effect of mental arithmetic in normotensive and hypertensive subjects, and its modification by β-adrenergic receptor blockade, 469

O

ODAR-CEDERLÖF, I. *see* BORGA, O., 627P
O'GRADY, J. *see* FOWLE, A.S.E., 497
OH, V.M.S. (introduced by TURNER, P.) Relationship of cardioselectivity to plasma practolol concentrations in man, 722P
OH, V.M.S. *see* EHSANULLAH, R.S.B., 400P
OHM, O.-J. *see* LUND-JOHANSEN, P., 147
OHNHAUS, E.E. A comparison of three different enzyme inducing agents and their influence on plasma lipids in man, 398P

OHNHAUS, E.E. & MASSON, J.P. The influence of therapeutic doses of spironolactone on the liver microsomal system and digoxin elimination in man, 639P
OHNHAUS, E.E., VOZEH, S. & NÜESCH, E. Absolute bioavailability of digoxin in chronic renal failure, 728P
OJALA, KAARINA *see* REISSELL, P., 235
O'MALLEY, K., STEVENSON, I.H., WARD, C.A., WOOD, A.J.J. & CROOKS, J. Determinants of anticoagulant control in patients receiving warfarin, 309
ORME, N.L'E. *see* BRECKENRIDGE, A.M., 388P
ORME, M.L'E. *see* BACK, D.J., 729P
ORTON, D. *see* KAYE, C.M., 724P
OSWALD, I. *see* BREZINOVA, VLASTA, 243
OWEN, F. *see* CROSS, A.J., 719P
OWEN, F. *see* CROSS, A.J., 720P

P

PAALZOW, L.K. *see* FRISK-HOLMBERG, M., 633P
PADDOCK, GILLIAN M. *see* PARSONS, R.L., 267
PADDOCK, GILLIAN M. *see* PARSONS, R.L., 406P
PADDOCK, GILLIAN M. *see* PARSONS, R.L., 433
PALMER, K.N.V. *see* MAY, C.S., 491
PARK, D.M., FINDLEY, L.J. & TEYCHENNE, P.F. Nomifensine in parkinsonism, 185S
PARK, P.H. *see* BACK, D.J., 729P
PARKES, J.D., DEBONO, A.G., JENNER, P. & WALTERS, J. Amphetamines, growth hormone and narcolepsy, 343
PARKES, J.D. *see* BEDARD, P., 187S
PARROTT, A.C. *see* HINDMARCH, I., 229
PARROTT, A.C. *see* HINDMARCH, I., 167S
PARSONS, R.L., BEAVIS, J.P., HOSSACK, GILLIAN A. & PADDOCK, GILLIAN M. Plasma, bone, hip capsule, synovial and drain fluid concentrations of lincomycin during total hip replacement, 433
PARSONS, R.L., HOSSACK, GILLIAN A. & PADDOCK, GILLIAN M. Pharmacokinetics of pivmecillinam, 267
PARSONS, R.L., HOSSACK, GILLIAN A., PADDOCK, GILLIAN M. & TROUNCE, J.R. The effect of a Lundh meal on the plasma concentration/time curve of ampicillin, amoxycillin, pivampicillin and cephalexin in normal subjects, 406P
PATERSON, I.C., WILLEY, R.F. & GRANT, I.W.B. Effects of prolonged administration of pirbuterol by mouth in chronic asthma, 376
PATERSON, I.C., WILLEY, R.F., SHOTTER, MARGARET V. & CROMPTON, G.K. Further studies of rimiterol and salbutamol administered by intermittent positive-pressure ventilation, and an important observation on the technique of using the Bennett ventilator, 605
PATERSON, I.C. *see* DUNCAN, D., 669
PATERSON, J.W. *see* PICKUP, M.E., 357
PATERSON, J.W. *see* WILSON, C.G., 351
PATERSON, J.W. *see* WILSON, C.G., 703
PAUL, TERESA *see* VAIDYA, 463
PAXTON, J.W., WHITING, B. & STEPHEN, K.W. Phenytoin concentrations in mixed, parotid and submandibular saliva and serum measured by radioimmunoassay, 185
PAYNE, J.P. *see* HUGHES, R., 394P
PECK, A.W., BYE, C.E. & CLARIDGE, R. Difference between light and sound sleepers in the residual effects of nitrazepam, 101
PECK, A.W. *see* CLUBLEY, M., 652P
PECK, H.M. *see* STONE, C.A., 19S
PEGG, W.J. *see* GLODE, L.M., 639P
PENNY, A.F. *see* RAJAH, S.M., 129
PENTIKÄINEN, P.J., PENTTILÄ, ANERI, NEUVONEN, P.J. & GOTHONI, G. Fate of [^{14}C]-bumetanide in man, 39
PENTTILÄ, ANERI *see* PENTIKÄINEN, P.J., 39
PEPYS, J. *see* EDGE, GERALDINE, 303S
PERENNA ROGERS, M. *see* BARNETT, D., 455
PERUCCA, E., GATTI, G., FRIGO, G.M., CALZETTI, S., VISINTINI, D. & CREMA, A. (introduced by RICHENS, A.) Disposition of sodium valproate in healthy volunteers and epileptic patients, 716P
PERUCCA, E. & RICHENS, A. Interaction between phenytoin and imipramine, 485
PERUCCA, E. *see* AHMAD, S., 683
PERUCCA, E. *see* FRIGO, G.M., 449
PETRIE, J.C. *see* HOWIE, J.G.R., 611
PETRIE, J.C. *see* JEFFERS, T.A., 523
PETTS, H.V. *see* WEBER, J.C.P., 283
PIAFSKY, K.M. *see* BORGA, O., 627P
PICKUP, M.E., JOHNSON, A.J., MAY, C.S., PATERSON, J.W. & HARRISON, M.P. The absorption and elimination of ICI 74,917 in man, 357
PIPPARD, M. *see* WISE, R., 615
PLUMMER, N.A. *see* BLACK, A. KOBZA, 643P
PORTA, M. *see* MORSELLI, P.L., 535
POYNTER, D. Beclomethasone dipropionate aerosol and nasal mucosa, 295S
PRICHARD, B.N.C. *see* WEBER, J.C.P., 283
PRIME, F.J. *see* KAMBUROFF, P.L., 67
Proceedings of the British Pharmacological Society, Liverpool, 30–31 March, 1977, 383–408P
Proceedings of the British Pharmacological Society, Newcastle, 13–15 July, 1977, 627–660P
Proceedings of the British Pharmacological Society, 7–9 September, 1977, Manchester, 715–736P

R

RAFTERY, E.B. *see* WEBER, J.C.P., 283
RAFTERY, E.B. *see* WILKINSON, P.R., 289
RAJAH, S.M., CROW, M.J., PENNY, A.F., AHMAD, R. & WATSON, D.A. The effect of dipyridamole on platelet function: correlation with blood levels in man, 129
RAMSAY, L.E., SHELTON, J.R. & HARRISON, I.R. Plasma uric acid spironolactone response in healthy subjects, 247
RAMSAY, L.E., TIDD, M.J., BUTLER, J.K. & VENNING, G.R. Ethical review in the pharmaceutical industry, 73
RAMSAY, L.E. *see* HETTIARACHCHI, J., 644P
RAWLINS, M.D. The role of the pharmaceutical industry in postgraduate medical education, 257
RAWLINS, M.D. *see* CHAPMAN, P.H., 393P
RAWLINS, M.D. *see* CHAPMAN, P.H., 644P
RAWLINS, M.D. *see* DAVIES, D.M., 636P
RAWLINS, M.D. *see* IISALO, E., 646P
RAWLINS, M.D. *see* KARLSSON, E., 632P
REES, B.I., BOND, JANE A., SPRIGGS, T.L.B. & HUGHES, L.E. Observations on the muscle abnormality in diverticular disease, 732P
REID, J.L. *see* DARGIE, H.J., 389P
REISSELL, P., OJALA, KAARINA, MANNINEN, V. & SOTHMAN, A. Correlation of digoxin-tablet dissolution rate with biological availability, 235
RICHARDS, D.A., WOODINGS, E.P. & MACONOCHIE, J.G. Comparison of the effects of labetalol and propranolol in healthy men at rest and during exercise, 15

RICHARDS, D.A. *see* BRECKENRIDGE, A.M., 388P
RICHARDS, D.A. *see* MACONOCHIE, J.G., 157
RICHARDS, D.A. *see* MACONOCHIE, J.G., 389P
RICHENS, A. Interlaboratory variability in measurement of serum antiepileptic drug concentrations; need for external quality control, 734P
RICHENS, A. *see* AHMAD, S., 683
RICHENS, A. *see* PERUCCA, E., 485
RICHENS, A. *see* PERUCCA, E., 716P
RICHER, CHRISTINE *see* GIUDICELLI, J.F., 135
RICKS, W.B. *see* WINKLE, R.A., 519
RIDDELL, J.G. *see* KELLY, J.G., 396P
RIDDINGTON, C. *see* CLUBLEY, M., 652P
RILEY, G.J. *see* CROSS, A.J., 719P
RILEY, G.J. *see* CROSS, A.J., 720P
RINGOIR, S., LAMEIRE, N., MUNCHE, M., HEPTNER, W. & TAEUBER, K. Pharmacokinetics of nomifensine in impaired renal function, 129S
RISBY, D. & ROBINSON, J.D. A direct radioimmunoassay for flupenthixol in plasma, 407P
RISBY, D. *see* CROW, T.J., 732P
RISLEY, E.A. *see* STONE, C.A., 19S
ROBERTS, C.J.C. *see* BOGIE, W., 392P
ROBERTS, C.J.C. *see* BRANCH, R.A., 121
ROBERTS, C.J.C. *see* HALLIWELL, M., 393P
ROBERTS, C.J.C. *see* HALLIWELL, M., 730P
ROBERTS, FIONA *see* BOGIE, W., 392P
ROBERTSON, I. *see* GREAVES, M.W., 657P
ROBINSON, DOROTHY *see* BREZINOVA, VLASTA, 243
ROBINSON, D.S. *see* BARNETT, D., 455
ROBINSON, J.D. *see* CROW, T.J., 732P
ROBINSON, J.D. *see* RISBY, D., 407P
RODDA, B. *see* ANDREW, A., 45S
RODDA, B. *see* VAN WINZUM, C., 39S
RODEN, S., HARVEY, P. & MITCHARD, M. The effect of ethanol on residual plasma methaqualone concentrations and behaviour in volunteers who have taken Mandrax, 245
RODGERS, ELAINE M. *see* DOBBS, SYLVIA M., 327
RODGERS, ELAINE M. *see* TURNER, JENNIFER, 489
ROGERS, H.J. *see* BRADBROOK, I.D., 380
ROGERS, H.J. *see* MORRISON, P.J., 597
ROGERS, S. *see* CHAPMAN, P.H., 644P
ROUTLEDGE, P.A. *see* DAVIES, D.M., 636P
ROWE, P.H. *see* BACK, D.J., 729P
ROWLANDS, E. *see* WELMAN, ELIZABETH, 549
RUIKKA, I. *see* IISALO, E., 646P
RUPP, W., HEPTNER, W. UIHLEIN, M., BENDER, R. & TAEUBER, K. Kinetic interaction of nomifensine with a 1,5-benzodiazepine (clobazam), 143S
RUPP, W. *see* HEPTNER, W., 123S
RUSSELL, C.J. *see* BELL, J.M., 79
RUYLE, W.V. *see* HANNAH, J., 7S

S

SALEM, S.A.M. & STEVENSON, I.H. Absorption kinetics of aspirin and quinine in elderly subjects, 397P
SALERNO, J. *see* FRIGO, G.M., 449
SAMBO-DONGA, L. *see* ASHURST, A., 394P
SANNERSTEDT, R. & WASIR, H. Acute haemodynamic effects of metoprolol in hypertensive patients, 23
SARETT, L.H. Historical perspectives, 5S
SARETT, L.H. *see* HANNAH, J., 7S
SAXENA, B. *see* GROF, P., 221S
SCANLON, M.F., GOMEZ-PAN, A., MORA, B., COOK, D.B., DEWAR, J.H., HILDYARD, A., WEIGHTMAN, D.R., EVERED, D.C. & HALL, R. Effects of nomifensine, an inhibitor of endogenous catecholamine re-uptake, in acromegaly, in hyperprolactinaemia, and against stimulated prolactin release in man, 191S
SCANLON, M.F. *see* HEATH, M., 652P
SCHACHT, U., LEVEN, M. & BACKER, G. Studies on brain metabolism of biogenic amines, 77S
SCHMIDT, O. P. *see* KAMBUROFF, P.L., 67
SCHULTE, F.J. *see* ALBANI, M., 378
SCHÜRMANN, W. & TURNER, P. The buccal absorption of atenolol and propranolol, and their physicochemical characteristics, 655P
SCHÜRMANN, W. & WADSWORTH, JANE. Errors in half-life determinations under multi-compartment conditions, 704
SCOTT, A.M. *see* BENNIE, E.H., 479
SCOTT, D.F. *see* CURRY, S.H., 109
SCOTT, M.G. *see* DUNDEE, J.W., 706
SCOTT, P. *see* HETTIARACHCHI, J., 644P
SEATON, A. *see* HARTLEY, J.P.R., 673
SELIG, M. *see* NATION, R.L., 439
SELLERS, E.M. *see* GILES, H.G., 711
SEN, H.G. *see* VAIDYA, 463
SESTOFT, L. *see* LARSEN, S., 529
SEVER, P. *see* DAVIES, B., 721P
SHALE, D. *see* HEATH, M., 652P
SHAND, D.G. *see* BRANCH, R.A., 630P
SHANKS, R.G. *see* McDEVITT, D.G., 153
SHARMAN, V.L. *see* CHAPUT DE SAINTONGE, D.M., 492
SHELTON, J. *see* HETTIARACHCHI, J., 644P
SHELTON, J.R. *see* RAMSAY, L.E., 247
SHEN, T.Y. *see* HANNAH, J., 7S
SHEPHERD, A.M.M., HEWICK, D.S., MORELAND, T.A. & STEVENSON, I.H. Age as a determinant of sensitivity to warfarin, 315
SHETH, U.K. *see* VAIDYA, 463
SHOTTER, MARGARET V. *see* PATERSON, I.C., 605
SHUSTER, S. *see* CHAPMAN, P.H., 393P
SHUSTER, S. *see* CHAPMAN, P.H., 644P
SILAS, J.H. *see* LENNARD, M.S., 635P
SIMON, B. & KATHER, H. Rational basis for the application of cimetidine in the therapy of human gastric hypersecretion, 487
SIMON, B. *see* KATHER, H., 499
SIMPSON, F.O. Evidence for safety of new drugs, 91
SJÖQVIST, F. *see* BORGA, O., 627P
SLATER, E. *see* DOBBS, SYLVIA M., 327
SMIT SIBINGA, C.Th. Effects of diflunisal on platelet function and blood coagulation, 37S
SMITH, A.J. & TUCKER, G.T. Pharmacokinetics of antibiotics, 255
SMITH, A.J. *see* ANDREASEN, F., 640P
SMITH, A.J. *see* FRISK-HOLMBERG, M., 633P
SMITH, A.J. *see* LENNARD, M.S., 635P
SMITH, EILEEN *see* BACK, D.J., 729P
SMITH, GILLIAN *see* JOHNSON, B.F., 209
SMITH, G.L., GOULBOURN, ROSEMARY A., BURT, R.A.P. & CHATFIELD, D.H. Preliminary studies of absorption and excretion of benoxaprofen in man, 585
SMITH, G.L. *see* CHATFIELD, D.H., 579
SMITH, J. MORRISON *see* GWYNN, C.M., 269S
SMITH, R.L. *see* ANGELO, M.M., 725P

SMITH, R.L. *see* CALDWELL, J., 637P
SMITH, R.L. *see* CALDWELL, J., 715P
SMITH, R.L. *see* DRING, L.G., 390P
SMITH, R.L. *see* MAHGOUB, A., 726P
SMITH, S.E. *see* SMITH, SHIRLEY A., 642P
SMITH, SHIRLEY A. & SMITH, S.E. *In vivo* and *in vitro* studies on cholinomimetic miotic drugs, 642P
SMITHARD, D.J. *see* LANGMAN, M.J.S., 631P
SNOW, M.N. *see* HEATH, M., 652P
SONNHAG, C. *see* KARLSSON, E., 632P
SOTHMAN, A. *see* REISSELL, P., 235
SOUTHGATE, P.J. *see* FRANKLIN, R.A., 163
SOUTHGATE, P.J. *see* SWAISLAND, A.J., 61
SPARKS, R.G. *see* HEWICK, D.S., 399P
SPEIRS, C.F. Oral absorption and secretion of drugs, 97
SPEIRS, C.F. *see* CHATFIELD, D.H., 579
SPENCER, P.S.J. Review of the pharmacology of existing antidepressants, 57S
SPRIGGS, T.L.B. *see* REES, B.I., 732P
STANFORD, NANCY *see* MAJERUS, P.W., 15S
STEELMAN, S.L. *see* TEMPERO, K.F., 31S
STEPHEN, K.W. *see* PAXTON, J.W., 185
STEPNEY, R. (introduced by THOMPSON, J.W.) Behavioural regulation of nicotine intake in cigarette smokers presented with a 'shortened' cigarette, 653P
STEPNEY, R. *see* ASHTON, HEATHER, 654P
STERLIN, M.J. *see* BRECKENRIDGE, A.M., 388P
STEVENSON, I.H. The First Lilly Prize Lecture, University of Dundee, July 1976. Factors influencing antipyrine elimination, 261
STEVENSON, I.H. *see* HEWICK, D.S., 399P
STEVENSON, I.H. *see* O'MALLEY, K., 309
STEVENSON, I.H. *see* SALEM, S.A.M., 397P
STEVENSON, I.H. *see* SHEPHERD, A.M.M., 315
STOKES, G.S. *see* NYBERG, G., 469
STONE, BARBARA M. *see* NICHOLSON, A.N., 567
STONE, BARBARA M. *see* NICHOLSON, A.N., 717P
STONE, C.A., VAN ARMAN, C.G., LOTTI, V.J., MINSKER, D.H., RISLEY, E.A., BAGDON, W.J., BOKELMAN, D.L., JENSEN, R.D., MENDLOWSKI, B., TATE, C.L., PECK, H.M., ZWICKEY, R.E. & McKINNEY, S.E. Pharmacology and toxicology of diflunisal, 19S
STOREY, G. *see* BROWN, H. MORROW, 283S
STOREY, G. *see* BROWN, H. MORROW, 259S
SVEDMYR, N. *see* THIRINGER, G., 293S
SWAIN, A. *see* CLAY, A., 475
SWAISLAND, A.J., FRANKLIN, R.A., SOUTHGATE, P.J. & COLEMAN, A.J. The pharmacokinetics of ciclazindol (Wy23409) in human volunteers, 61
SWIFT, C.G. *see* HALLIWELL, M., 730P

T

TAEUBER, K. Dynamic interaction of nomifensine with alcohol, 147S
TAEUBER, K. Comparison of nomifensine and placebo, 209S
TAEUBER, K. *see* RINGOIR, S., 129S
TAEUBER, K. *see* RUPP, W., 143S
TARRANT, M.E. *see* CHATFIELD, D.H., 579
TATE, C.L. *see* STONE, C.A., 19S
TATTERSFIELD, A.E. *see* HOLGATE, S.T., 385P
TAYLOR, ELIZABETH A. *see* KAYE, C.M., 724P
TAYLOR, S.H. *see* DAVIDSON, C., 636P
TAYLOR, S.H. *see* GOLDSTRAW, P.W., 387P
TEALE, J.D., CLOUGH, JACQUELINE M. & MARKS, V. Radioimmunoassay of vinblastine and vincristine, 169
TEE, ROSEMARY D. *see* EDGE, GERALDINE, 303S
TEGGIA-DROGHI, M. *see* FRIGO, G.M., 449
TEMPERO, K.F., CIRILLO, V.J. & STEELMAN, S.L. Diflunisal: a review of pharmacokinetic and pharmacodynamic properties, drug interactions, and special tolerability studies in humans, 31S
TEYCHENNE, P.F. *see* PARK, D.M., 185S
THADANI, U. *see* GOLDSTRAW, P.W., 387P
THIRINGER, G., ERIKSSON, N., MALMBERG, R., SVEDMYR, N. & ZETTERGREN, L. Bronchoscopic biopsies of bronchial mucosa before and after beclomethasone dipropionate therapy, 293S
THOMPSON, J.W. *see* ASHTON, HEATHER, 654P
THOMPSON, J.W. *see* HEATH, M., 652P
THOMPSON, J.W. *see* MILLMAN, J.E., 659P
THOMPSON, J.W. *see* STEPNEY, R., 653P
THOMSON, J.A. *see* THOMSON, J.E., 701
THOMSON, J.E., BAIRD, S.G. & THOMSON, J.A. Effect of i.v. heparin on serum free triiodothyronine levels, 701
TIDD, M.J. *see* RAMSAY, L.E., 73
TJANDRAMAGA, T.B. *see* DE SCHEPPER, P.J., 645P
TOOLEY, M. *see* GODFREY, S., 273S
TOSELAND, P.A. *see* ALBANI, M., 378
TRIGGS, E.J. *see* NATION, R.L., 439
TRIMBLE, M.R., MELDRUM, B.S. & ANLEZARK, G. Effect of nomifensine on brain amines and epilepsy in photosensitive baboons, 101S
TROUNCE, J.R. *see* CLAY, A., 475
TROUNCE, J.R. *see* PARSONS, R.L., 406P
TUCKER, G.T. *see* LENNARD, M.S., 635P
TUCKER, G.T. *see* SMITH, A.J., 255
TURNER, JENNIFER, DOBBS, SYLVIA M., NICHOLSON, P.W., McGILL, A.P.J. & RODGERS, ELAINE M. Influence of diet on digoxin dose requirements, 489
TURNER, P. *see* BARBHAIYA, R.H., 427
TURNER, P. *see* BARBHAIYA, R.H., 734P
TURNER, P. *see* EHSANULLAH, R.S.B., 159S
TURNER, P. *see* FARHOUMAND, N., 402P
TURNER, P. *see* GHOSE, KARABI, 91
TURNER, P. *see* GHOSE, KARABI, 500
TURNER, P. *see* GRANT, I.W.B., 251S
TURNER, P. *see* HALL, D., 638P
TURNER, P. *see* HUSTON, G.J., 408P
TURNER, P. *see* KAYE, C.M., 724P
TURNER, P. *see* KIRBY, MARILYN J., 459
TURNER, P. *see* NICHOLSON, P.A., 55S
TURNER, P. *see* OH, V.M.S., 722P
TURNER, P. *see* SCHÜRMANN, W., 655P
TURNER, P. *see* WITTS, D.J., 249
TURNER, R.C. *see* MANN, J.I., 305
TWYCROSS, R.G. A comparison of diamorphine with cocaine and methadone, 691
TYRER, J.H. *see* EADIE, M.J., 541

U

UIHLEIN, M. *see* RUPP, W., 143S

V

VAIDYA, ASHOK, B., SEN, H.G., MANKODI, N.A., PAUL, TERESA & SHETH, U.K. Phase I tolerability and searching dose studies with 4-isothiocyanato-4′-nitrodiphenylamine (C.9333-Go/CGP 4540), a new anthelmintic, 463
VAN ARMAN, C.G. *see* STONE, C.A., 19S
VAN PRAAG, H.M. *see* VAN SCHEYEN, J.D., 179S
VAN SCHEYEN, J.D., VAN PRAAG, H.M. & KORF, J. Controlled study comparing nomifensine and clomipramine in unipolar depression, using the probenecid technique, 179S
VAN WINZUM, C. & RODDA, B. Diflunisal: efficacy in postoperative pain, 39S
VAN WINZUM, C. *see* ANDREW, A., 45S
VEJTORP, L. *see* LARSEN, S., 529
VERBEECK, R. *see* DE SCHEPPER, P.J., 645P
VERBERCKMOES, R. *see* DE SCHEPPER, P.J., 645P
VERE, D.W. *see* CHAPUT DE SAINTONGE, D.M., 492
VERHAEST, L. *see* ANDREW, A., 45S
VENNING, G.R. *see* RAMSAY, L.E., 73
VISINTINI, D. *see* PERUCCA, E., 716P
VOLANS, G.N. *see* HOLT, D.W., 321
VOZEH, S. *see* OHNHAUS, E.E., 728P

W

WADE, O.L. & WATERHOUSE, J.A.H. Significant or important?, 411
WADSWORTH, JANE *see* FARHOUMAND, N., 402P
WADSWORTH, JANE *see* SCHÜRMANN, W., 704
WAKILE, L.A. *see* CALDWELL, J., 715P
WALLACE, SUSAN. Altered plasma albumin in the newborn infant, 82
WALTERS, J. *see* PARKES, J.D., 343
WARD, C.A. *see* O'MALLEY, K., 309
WARDELL, W.M. *see* KARCH, F.E., 625
WASIR, H. *see* SANNERSTEDT, R., 23
WATERHOUSE, J.A.H. *see* WADE, O.L., 411
WATSON, D.A. *see* RAJAH, S.M., 129
WATSON, I.D. *see* HEWICK, D.S., 399P
WATT, S.J. *see* GOLDSTRAW, P.W., 387P
WEBB, A.K. Beclomethasone dipropionate aerosol in perennial rhinitis: preliminary results of Medical Research Council/Brompton Hospital cooperative long-term study, 281S
WEBB, SANDRA N. *see* CALVEY, T.N., 404P
WEBSTER, J. *see* JEFFERS, T.A., 523
WEBER, J.C.P., BIRD, H., COSH, J., DAVIES, P.S., DIXON, A.St.J., LISTER, J., PETTS, H.V., PRICHARD, B.N.C. & RAFTERY, E.B. Once daily treatment of mild to moderate hypertension with xipamid: a controlled study, 283
WEIGHTMAN, D.R. *see* SCANLON, M.F., 191S
WEIMER, K.E. *see* HEPTNER, W., 123S
WELMAN, ELIZABETH, CURRY, P.V.L., KRIKLER, D.M., ROWLANDS, E. & CALLOWHILL, E.A. A spectrofluorometric method for the determination of ajmaline in plasma, 549
WHELPTON, R. *see* CURRY, S.H., 109
WHITING, B. *see* BRYSON, S.M., 633P
WHITING, B. *see* PAXTON, J.W., 185
WIGLEY, F. *see* ARONSON, J.K., 213
WILKINSON, G.R. *see* BRANCH, R.A., 630P
WILKINSON, P.M. *see* GLODE, L.M., 639P
WILKINSON, P.R. & RAFTERY, E.B. A comparative trial of clonidine, propranolol and placebo in the treatment of moderate hypertension, 289
WILKINSON, R.H. *see* MANN, J.I., 305
WILLEY, R.F. *see* PATERSON, I.C., 376
WILLEY, R.F. *see* PATERSON, I.C., 605
WILLIAMS, N.E. *see* CALVEY, T.N., 404P
WILLIAMSON, J.D. *see* HOLT, D.W., 321
WILSON, C.G., MAY, C.S. & PATERSON, J.W. Plasma prednisolone levels in man following administration in plain and enteric-coated forms, 351
WILSON, C.G., MAY, C.S. & PATERSON, J.W. Plasma prednisolone levels after administration in plain and enteric-coated tablets (a reply), 703
WILSON, C.W.M. *see* MULLEN, ANN, 731P
WINKLE, R.A., MEFFIN, P.J., RICKS, W.B. & HARRISON, D.C. Acebutolol metabolite plasma concentration during chronic oral therapy, 519
WISE, R., PIPPARD, M. & MITCHARD, M. The disposition of sodium fusidate in man, 615
WISSMANN, H. *see* HEPTNER, W., 123S
WITTENBORN, J.R. Contrasts in antidepressant medications, 153S
WITTS, D.J. & TURNER, P. A single comprehensive gas chromatographic assay for tricyclic and tetracyclic antidepressant drugs and their major metabolites in plasma, 249
WITTS, D.J. *see* GHOSE, KARABI, 91
WITZEL, B.E. *see* HANNAH, J., 7S
WOOD, A.J. Cerebrospinal fluid concentration of metoprolol in a hypertensive patient, 240
WOOD, A.J.J. *see* BRANCH, R.A., 630P
WOOD, A.J.J. *see* O'MALLEY, K., 309
WOODINGS, E.P. *see* MACONOCHIE, J.G., 157
WOODINGS, E.P. *see* MACONOCHIE, J.G., 389P
WOODINGS, E.P. *see* RICHARDS, D.A., 15
WRIGHT, CATHERINE M. *see* NICHOLSON, A.N., 494

Y

YAP, S.K. *see* BLUMENTHAL, H.P., 241
YATES, R.A. *see* KENDALL, M.J., 497
YOUNG, J. *see* HARRY, J.D., 387P

Z

ZETTERGREN, L. *see* THIRINGER, G., 293S
ZILM, D.H. *see* GILES, H.G., 711
ZWICKEY, R.E. *see* STONE, C.A., 19S

SUBJECT INDEX

A

Acebutolol, ability of, to block cyclic AMP response to isoprenaline in human lymphocytes, 723P
—, effect of, on cerebral circulation in man, 373
—, plasma concentrations of major metabolite of, during chronic oral therapy, 519
—, plasma-salivary ratios of, in treatment of hypertension and migraine, 724P
—, review of properties of, 413
Acetylator phenotyping, of tuberculosis patients, 5
Acetylcholine, muscle response to, in diverticular disease, 732P
Acetylcholine chloride, *in vivo* and *in vitro* studies on pupillary effects of, 642P
N-Acetylprocainamide, comparative evaluation of procainamide and its main metabolite, in acute treatment of ventricular arrhythmias, 632P
Acetylsalicylic acid, comparison of analgesic efficacy and tolerance of diflunisal with ibuprofen and, in 6-month treatment of osteoarthritis, 45S
Acromegaly, effects of nomifensine in, 191S
Adenosine diphosphate, diflunisal inhibits platelet aggregation induced by, 19S
—, effect of diflunisal of platelet aggregation induced by, 37S
Adenylate cyclase, effects of β-adrenoceptor blockers on human fat cell, 499
—, effect of cimetidine on, in human gastric mucosa, 487
Adrenaline, diflunisal inhibits platelet aggregation induced by, 19S
—, effect of propranolol and atenolol on human fat cell adenylate cyclase system stimulated by, 499
—, response of human bronchial smooth muscle to, 723P
—, sensitive radioenzymatic assay for noradrenaline and, in plasma, 553
α-Adrenoceptor blockade, labetalol inhibits pressor response to cold by, 389P
α-Adrenoceptor blocker, labetalol is an, in addition to having β-adrenoceptor antagonistic properties, 15
β-Adrenoceptors, induction of bronchial, resistance in normal man, 385P
—, in human lymphocytes, bronchus and lung parenchyma, 723P
β-Adrenoceptor antagonists, comparative effects of labetalol and propranolol in healthy men at rest and during exercise, 15
—, comparative effects of, on airways resistance at rest and during exercise in normal subjects, 636P
—, comparison of effects of high and low plasma concentrations of practolol, 723P
—, efficacy of single daily dose of atenolol in hypertension, 523
β-Adrenoceptor blockade, apparent absence of preponderance of α-adrenoceptors following acute, with metoprolol in hypertension, 23
—, once daily administration of sotalol suitable for sustained, 153
—, possible contribution of acetyl metabolite of acebutolol to, during chronic oral therapy, 519
—, semi-automatic indirect blood pressure and heart rate measurement in normal males following, 275
β-Adrenoceptor blockers, assessment of, in man, 413
—, cerebrospinal fluid concentration of metoprolol in a hypertensive patient, 240
—, comparative efficacy of penbutolol and propranolol as, in man, 135
—, duration of action of atenolol in man, 387P
—, dynamic and kinetic comparison of penbutolol and propranolol in healthy volunteers, 386P
—, effects of acebutolol on cerebral circulation in man, 373
—, effects of, on human fat cell adenylate cyclase, 499
—, effect of thyroid dysfunction on elimination of, 79
—, eye symptoms in hypertensive patients associated with, 295
—, haemodynamic long-term effect of metoprolol a new, 147
—, long-term haemodynamic effects of prazosin in combination with a, in essential hypertension, 141
—, modification of effects of minor mental stress on normotensive and hypertensive subjects by, 469
—, pindolol has a negligible first-pass effect, 371
—, plasma metoprolol concentrations in young, old and hypertensive subjects, 497
—, slow release oxprenolol in angina pectoris, 387P
—, use of various, to investigate pharmacology of receptors in human lymphocytes, bronchus and lung parenchyma, 723P
β_2-Adrenoceptor selectivity, comparative, of rimiterol and salbutamol aerosols, 77
Adriamycin, hepatobiliary metabolism and excretion of, in man, 639P
Aerosol, comparison of bronchodilator effects of salbutamol inhaled as a dry powder and by conventional pressurised, 669
Age, as a determinant of sensitivity to warfarin, 315
—, as a factor affecting lithium therapy, 201
—, effect of, in usefulness of nomifensine in parkinsonism, 185S
—, effect of, on absorption kinetics of aspirin and quinine, 397P
—, effect of, on anticoagulant control in patients receiving warfarin, 309
—, effect of, on antipyrine kinetics in relation to liver size, 730P
—, effect of, on caffeine-induced sleep patterns, 717P
—, effect of, on metoprolol plasma concentrations, 497
—, effect of, on pharmacokinetics of lignocaine, 439
—, effect of, on pharmacokinetics of nitrazepam, 646P
—, effect of, on plasma phenobarbitone levels in epileptic patients, 541
—, effect of, on response to anticoagulants, 636P
—, effect of, on variation of response to thiopentone, 640P
—, has no relationship to toxicity of procainamide, 507

—, influence of, on response to anticoagulants, 559
AH 5158, see labetalol, 15
Ajmaline, spectrofluorometric method for determination of, in plasma, 549
Albumin, altered plasma, in newborn infant, 82
—, effect of chronic alcohol on plasma levels of, 629P
—, initial concentration of, has no relationship to toxicity of procainamide, 507
—, plasma levels of, in relation to age, 559
Alcohol, dynamic interaction of nomifensine with, 147S
—, effects of chronic ingestion of, and alcoholic liver disease on drug-protein binding, 629P
Alprenolol, effect of, on blood pressure and heart rate in normotensive and hypertensive subjects under minor mental stress, 469
—, review of properties of, 413
***p*-Aminohippuric acid,** clearance of, in humans following chronic phenobarbitone administration, 33
8-Amino-2-methyl-4-phenyl-1,2,3,4-tetrahydroisoquinoline, see nomifensine
Aminophylline, can overcome bronchial resistance to β-adrenoceptor agonists, 385P
Amitriptyline, clinical comparison of nomifensine and, 233S
—, comparison of nomifensine and, in acute primary depressions, 221S
—, review of controlled comparison of, with nomifensine in studies carried on outside the UK, 273S
Amnesia, relative efficacy of diazepam, flunitrazepam and lorazepam in inducing, in man, 45
Amoxycillin, effect of a Lundh meal on plasma concentration/time curve of, in normal subjects, 406P
Amphetamine, effect of, on plasma growth hormone levels in normal and narcoleptic subjects, 343
—, growth hormone and narcolepsy, 343
Ampicillin, does it affect practolol kinetics?, 396P
—, effect of a Lundh meal on plasma concentration/time curve of, in normal subjects, 406P
—, effect of, on binding capacity of human cord serum bilirubin, 395P
—, plasma concentrations of, compared with those of mecillinam following oral administration of, and of pivmecillinam, 267
Amylobarbitone, effect of, on metabolism of imipramine in man, 399P
—, plasma concentrations of, following treatment with, 51
Amylobarbitone sodium, repeated dose comparison of, dichloralphenazone and flunitrazepam on some aspects of sleep and early morning behaviour in normal subjects, 229
Analgesia, comparative efficacy for, of diamorphine-with-cocaine mixture and methadone, 691
Analgesics, absorption and disposition of meptazinol following rectal administration, 163
—, diflunisal more active than aspirin as, 19S
—, discovery of diflunisal a new, 7S
Angina pectoris, effects of UK 14275 on left ventricle in, 513
—, slow release oxprenolol in treatment of, 387P
Anthelmintics, phase 1 tolerability and dose studies with C.9333-Go/CGP 4540 a new, 463
Antibiotics, effect of a Lundh meal on plasma concentration/time curves of several, in normal subjects, 406P
—, factors influencing therapeutic response to gentamicin in children, 394P
—, new fluorimetric assay of some cephalosporins, 734P
—, pharmacokinetics of, 255
—, reduction of human cord serum bilirubin binding capacity by different, 395P
—, simple rapid fluorimetric assay for cephalosporin, 427
—, simultaneous pharmacokinetic analysis for comparison of absorption, distribution and elimination of some tetracycline, 638P
Anticholinergics, evaluation of activity of glycopyrronium, 383P
Anticoagulants, factors affecting response to, 636P
—, influence of age on response to, 559
—, results of a study attempting to reduce prescribing of adversely interacting drugs on patients receiving long-term outpatient therapy with, 611
Anticoagulation, determinants of control of, in patients receiving warfarin, 309
Anticonvulsant therapy, effect of, on antipyrine elimination, 261
Antidepressants, a single comprehensive gas chromatographic assay for tricyclic and tetracyclic, and their major metabolites in plasma, 249
—, comparison of efficacy of nomifensine and imipramine as, in depressed patients and normal volunteers, 153S
—, direct comparison of nomifensine and placebo necessary in assessment of activity as, 209S
—, human pharmacology of, 135S
—, nomifensine is a new, with more pronounced effect than many existing, 69S
—, nomifensine may be of value as, in Parkinson's disease, 187S
—, pharmacokinetics of ciclazindol a potential new, 61
—, review of pharmacology of existing, for comparison with that of nomifensine a new, 57S
—, some clinical pharmacological studies with butriptyline, 91
—, some of problems and difficulties associated with clinical studies of, 199S
—, videotape technique in assessment of, 227S
Antiepileptics, interlaboratory variability in measurement of serum concentrations of, and need for external quality control, 734P
Anti-inflammatory agents, discovery of diflunisal a new, 7S
Anti-inflammatory analgesics, clinico-pharmacological study of flurbiprofen in relation to responders and non-responders to, 623
Antipyretic, diflunisal is a new, 19S
Antipyrine, effect of, on plasma lipids in man, 398P
—, effect of vitamin C supplement on disposition of, in man, 236
—, elimination of, in plasma used as measure of liver microsomal enzyme activity, 33
—, factors influencing elimination of, 261
—, kinetics of, in relation to liver size in the elderly, 730P
—, metabolism of, in iron deficiency, 631P
—, pharmacokinetics interpretation of steady state concentration of, and other drugs in plasma, 89
—, value of liver volume measurement in study of kinetics of, in liver disease, 393P
Appetite, effect of ciclazindol on, in human subjects, 400P
Arachidonic acid, levels of, determined by gas chromatography-mass spectroscopy following irradiation of human skin with ultraviolet B and effect of indomethacin, 643P
Arecoline hydrobromide, *in vivo* and *in vitro* studies on pupillary effects of, 642P

Areclidine hydrochloride, *in vivo* and *in vitro* studies on pupillary effects of, 642P
Arrhythmias, among common side-effects of procainamide, 507
—, comparative evaluation of procainamide and its main metabolite in acute treatment of ventricular, 623P
Arthritis, plasma protein binding of propranolol in, 627P
Aryl hydroxylase, activity of, in adult human skin, 393P
—, activity of, in psoriatic skin, 644P
Ascorbic acid, bimodal excretion of, following loading doses of vitamin C, 731P
Aspirin, absorption kinetics of, and quinine in elderly subjects, 397P
—, comparative effects of, and diflunisal on prostaglandin synthetase from human platelets and sheep seminal vesicles, 15S
Asthma, absorption and elimination of ICI 74,917 in patients suffering from, and in normal subjects, 357
—, beclomethasone dipropionate aerosol in treatment of chronic, 253S
—, bronchodilatation produced by salbutamol powder administered by Rotahaler in, 673
—, comparison of bronchodilator effects of salbutamol in chronic, when inhaled as a dry powder or by conventional pressurised aerosol, 669
—, effects of prolonged administration of pirbuterol by mouth in chronic, 376
—, follow-up study of beclomethasone dipropionate aerosol in childhood, 273S
—, immunological investigations of *Candida albicans* in, 303S
—, improved design for powder inhaler for use in, 689
—, long-term use of beclomethasone dipropionate aerosol in perennial and seasonal, in children and adults, 259S
—, occasional failure of beclomethasone dipropionate aerosol in treatment of bronchial, in children, 269S
—, use of beclomethasone dipropionate, a corticosteroid, aerosol in treatment of chronic, 255S
Atenolol, ability of, to block cyclic AMP response to isoprenaline in human lymphocytes, 723P
—, buccal absorption of, and physicochemical characteristics, 655P
—, duration of action of, in man, 387P
—, effect of, on isoprenaline- and adrenaline-stimulated human fat cell adenylate cyclase, 499
—, once-daily in hypertension, 523
—, review of properties of, 413
Atrial fibrillation, comparison of medigoxin and digoxin in patients with, 727P
—, monitoring digoxin therapy in, 213
Atropine, intravenously with intravenous neostigmine reverses effects of interaction of tubocurarine, dimethyl tubocurarine and gallamine with halothane in man, 384P
Auto-manometer, a semi-automatic machine allowing quick indirect blood pressure and heart rate measurements without observer bias, 275

B

Barbiturates, effects of dependence and overdose on antipyrine elimination, 261
—, induction of imipramine metabolism following administration of, 399P
Basilar artery, effects of propranolol on responses of human isolated, to cerebrospinal fluid from patients with subarachnoid haemorrhage and cerebral arterial spasm, 27
Beclomethasone dipropionate, aerosol and nasal mucosa, 295S
—, aerosol in childhood asthma: a three- to five-year follow-up, 273S
—, aerosol in long-term treatment of perennial and seasonal asthma in children and adults: report of five and a half years' experience in 600 asthmatic patients, 259S
—, aerosol in perennial rhinitis: preliminary results of MRC/Brompton Hospital cooperative long-term study, 281S
—, aerosol in treatment of chronic asthma, 253S
—, aerosol in treatment of perennial and seasonal rhinitis: a review of five years' experience, 283S
—, aerosol, introduction to symposium on, 251S
—, bronchoscopic biopsies of bronchial mucosa before and after treatment with, 293S
—, effects of, aerosol on nasal mucosa, 287S
—, experience of use of, aerosol in general practice, 275S
—, experience with the use of a corticosteroid aerosol, 255S
—, immunological investigations of *Candida albicans* in respiratory disease, 303S
—, long-term results with, aerosol in children with bronchial asthma: why does it sometimes fail?, 269S
—, symposium on, aerosols, 249–312S
Beconase, see beclomethasone dipropionate aerosol, 281S
Becotide, see beclomethasone dipropionate aerosol, 269S
Bennett Ventilator, important observation on technique of using, during intermittent positive-pressure ventilation administration of salbutamol and rimiterol, 605
Benoxaprofen, pharmacokinetic studies with, in man and prediction of steady-state levels from single-dose data, 579
—, preliminary studies of absorption and excretion of, in man, 585
Benzodiazepines, plasma concentrations of several, 51
—, relative amnesic actions of diazepam, flunitrazepam and lorazepam in man, 45
Benzylamine, as a substrate for monoamine oxidase activity in post-mortem brains from schizophrenics, 719P
Bethanidine, absence of correlation between oral pharmacokinetics and response to, 390P
—, antagonism of, by mazindol, 486
—, eye symptoms in hypertensive patients with, and a diuretic, 295
Bile, excretion of ICI 74,917 in, 357
—, hepatobiliary metabolism and excretion of adriamycin in man, 639P
Bilirubin, effect of chronic alcohol on plasma levels of, 629P
—, reduction of binding capacity of human cord serum, by different antibiotics, 395P
Bioavailability, absolute, of digoxin in chronic renal failure, 728P
—, enteric coating of prednisolone tablets does not alter, from that of equivalent doses of non-enteric coated tablets, 597
—, of prednisolone in plain and enteric-coated tablet form, 351
—, of prednisolone in plain or enteric-coated tablets and effect of previous meal on absorption, 703
—, plasma kinetics and pharmacodynamics of disopyramide applied to assessment of, 633P

—, correlation of digoxin tablet dissolution rate and, 235
Bishydroxycoumarin, influence of age on response to, 559
Bleeding time, effect of diflunisal on, 37S
Blood, correlation of effect of dipyridamole on platelet function with levels of the drug in, in man, 129
—, measurement of thioridazine in, and urine, 173
—, methods for repeated sampling of venous, in man, 497
Blood pressure, arterial, decreased by intravenous metoprolol in hypertensive patients at rest and during exercise, 23
—, changes in, after night-time administration of slow release clonidine, 634P
—, comparative effectiveness of clonidine and propranolol in reducing, in moderate hypertension, 289
—, comparative effects of labetalol and propranolol on, in healthy men during exercise and at rest, 15
—, comparison of effects of penbutolol and propranolol on systolic, 135
—, comparison of effect of *p*-tyramine with phenelzine, phenylephrine and ephedrine on, in neurogenic postural hypotension, 721P
—, effect of acebutolol on, in man, 373
—, effect of bethanidine on, 390P
—, effect of combination of nomifensine and alcohol on, 147S
—, effect of glycopyrronium on, 383P
—, effects of labetalol and propranolol on, in histamine-induced bronchoconstriction in normal subjects, 157
—, effect of metoprolol on, at rest and during exercise in essential hypertension, 147
—, effect of noradrenaline infusion on, in man, 389P
—, effects of prazosin plus tolamolol on, in essential hypertension, 141
—, effect of propranolol, phentolamine and labetalol on, in response to immersion of a hand in cold water, 389P
—, effect of single daily dose of atenolol on lying, standing and post-exercise, in hypertensive patients, 523
—, effect of period of mental arithmetic on, in normotensive and hypertensive subjects and modification by β-adrenoceptor blockers, 469
—, effects of UK 14275 on, in heart disease, 513
—, indirect measurement of, quickly using a semi-automatic machine following exercise and β-adrenoceptor blockade, 275
—, xipamid once daily reduces, in mild to moderate hypertension, 283
Blood vessels, subclasses of histamine receptors on human skin, and their possible clinical significance, 657P
Bone, effects on, of long-term lithium administration in man and rat, 649P
—, lincomycin concentrations in, during total hip replacement, 433
Brain, concentrations of carbamazepine and carbamazepine-10,11-epoxide in human, and plasma during surgery for tumour removal, 535
—, studies on metabolism by, of biogenic amines, 77S
—, use of event-related slow potentials of, as objective method to analyse actions of centrally-active drugs in man, 654P
Bronchi, human, can become resistant to β-adrenoceptor agonists, 385P
Bronchial mucosa, bronchoscopic biopsies of, before and after beclomethasone dipropionate therapy, 293S
Bronchitis, effect of aerosol ipratropium bromide on sputum viscosity and volume in chronic, 491
Bronchoconstriction, effects of labetalol and propranolol on histamine-induced, in normal subjects, 157
Bronchodilatation, comparison of, caused by salbutamol when inhaled as a dry powder and by conventional pressurised aerosol, 669
—, efficacy of rimiterol and salbutamol for, administered by positive-pressure ventilation, 605
—, efficacy of salbutamol powder administered by Rotahaler for, 669
Bronchodilators, comparative potencies as, of rimiterol and salbutamol aerosols, 77
—, comparison of efficacy of salbutamol and NAB 365 as, 67
—, effects of prolonged administration of pirbuterol by mouth in chronic asthma, 376
Bronchus, pharmacology of β-adrenoceptors in smooth muscle of human, 723P
Buccal mucosa, measurements of buccal potential difference in assessments of agents damaging to, 408P
[^{14}C]-Bumetanide, fate of, in man, 39
Bumetanide, effect of, on electrolyte excretion urate retention and urine volume, 392P
—, qualitative differences between , and frusemide, 644P
—, similar in pharmacology to frusemide but more potent and better absorbed, 39
Butriptyline, effect of, on subjective feelings and sleep, 243
—, some clinical pharmacological studies with, an antidepressive drug, 91
3-*m*-Butylamino-4-phenoxy-5-sulfamylbenzoic acid, see bumetanide, 39
6-*n*-Butyl-2,8-dicarboxy-4,10-dioxo-1,4,7,10-tetrahydro-1,7-phenanthroline, see ICI 74,917, 357
1-Butyl-3 (1-(6,7-dimethoxyquinazolin-4-yl) piperidin-4-yl)urea, see UK 14275, 513

C

C.9333-Go/CGP 4540, 4-isothiocyanato-4′-nitrodiphenylamine a new anthelmintic, 463
Caffeine, effects of, alone and in combination with cyclizine on human performance and subjective ratings, 652P
—, sleep patterns in the young adult following, 717P
Calcium, bone levels of, following long-term administration of lithium in man and rat, 649P
Camcolit, serum concentration of lithium following, a proprietary preparation of lithium carbonate, 479
Cancer, immunotherapy of, and drug disposition, 695
Candida albicans, immunological investigations of, in respiratory disease, 303S
—, isolation of, during long-term treatment of perennial rhinitis with beclomethasone dipropionate aerosol, 281S
—, presence of, in mouth throat and bronchi after beclomethasone dipropionate aerosol therapy, 293S
Candidiasis, incidence of nasal and oropharyngeal, during long-term treatment of perennial rhinitis with beclomethasone dipropionate aerosol, 281S
—, incidence of oropharyngeal, in patients undergoing long-term treatment with beclomethasone dipropionate aerosol, 259S
—, increased dosage of beclomethasone dipropionate aerosol did not increase incidence of oropharyngeal, in chronic asthma, 255S

Carbachol, *in vivo* and *in vitro* studies on pupillary effects of, 642P
Carbamazepine, concentrations of, and its epoxide in human brain and plasma, 535
—, interaction between, and primidone in epileptic patients, 541
Carbidopa, effect of, on urinary sodium excretion in man, 115
Carbon dioxide, effect of acebutolol on end tidal, in man, 373
Cardiac output, decreased by intravenous metoprolol in hypertensive patients at rest and during exercise, 23
—, effect of metoprolol on, at rest and during exercise in essential hypertension, 147
Cardiovascular system, affected only slightly by nomifensine, 69S
Catecholamines, nomifensine inhibits re-uptake of endogenous, 191S
Cephradine, fluorimetric assay of, 427
Cephalexin, effect of a Lundh meal on plasma concentration/time curve of, in normal subjects, 406P
—, fluorimetric assay of, 427
—, new fluorimetric assay for, 734P
Cephaloglycin, fluorimetric assay of, 427
—, new fluorimetric assay for, 734P
Cephalosporin, new fluorimetric assay of some, antibiotics, 734P
—, rapid simple fluorimetric assay for some, 427
Cephradine, new fluorimetric assay for, 734P
Cerebral arterial spasm, effects of propranolol on responses of human isolated basilar artery to cerebrospinal fluid obtained from patients with, 27
Cerebral blood flow, effect of acebutolol on, in man, 373
Cerebrospinal fluid, metoprolol concentration in, in a hypertensive patient, 240
Chemotherapy, effect of quadruple, on peripheral blood lymphocyte populations in Hodgkin's disease, 475
Chlorimipramine, comparison of effect of, in experimental model of epilepsy with imipramine, maprotiline and nomifensine, 101S
—, review of controlled comparison of, with nomifensine in studies carried on outside the UK, 237S
4-Chloro-1-(dimethylphosphinylmethyl)-5-phenyl-1,3-dihydro-2H-1,4-benzodiazepine-2-on, see fosazepam, 494
Chlorofluorocarbons, in the can, in man and in the atmosphere, 663
10-(*m*-Chlorophenyl)-2,3,4,10-tetrahydropyrimido [1,2α] indol-10-ol hydrochloride, see ciclazindol, 61
Chlordiazepoxide, plasma concentrations of, following treatment with, 51
Chlorpheniramine, effect of, alone and in combination with cimetidine on dose-response curves for erythema and wealing due to histamine and release of compound 48/80 in human skin, 657P
—, inhibits vascular response of human skin to histamine and compound 48/80, 367
Chlorphentermine, metabolism, distribution and elimination of, in man, 193
Chlorpromazine, compared with codeine for facilitation of memory functions, 654P
Chlortetracycline, simultaneous pharmacokinetic analysis of, with other tetracycline antibiotics, 638P
Cholesterol, levels of, in treatment of type IIa hyperlipoproteinaemia with cholestyramine or nicotinic acid, 305
—, no change in blood levels of, during fenfluramine treatment of obese diabetics, 529
—, plasma levels of, before and after antipyrine, phenobarbitone and rifampicin, 398P
Cholestyramine, comparison of effects of, and nicotinic acid on plasma lipid concentration in treatment of familial type II hyperlipoproteinaemia, 305
Choline theophyllinate, interaction between, and salmefamol in patients with reversible airways obstruction, 677
Chromatography, sensitive thin-layer, technique for estimation of plasma prednisolone, 597
Ciclazindol, effect of, on glucose uptake into human isolated skeletal muscle, 459
—, pharmacokinetics of, in human volunteers, 61
Ciclazindol hydrochloride, some clinical pharmacological studies with, 400P
Cimetidine, effect of, alone and in combination with chlorpheniramine on dose-response curves for erythema and wealing due to histamine and release of compound 48/80 in human skin, 657P
—, rational basis for application of, in therapy of human gastric hypersecretion, 487
—, suppresses vascular responses of human skin to histamine and compound 48/80, 367
Clincial pharmacology, James Parkinson (1755-1824) could be a lesson for, today, 667
Clinical trials, power curves in reports of, 656P
Clobazam, a 1,5-benzodiazepine, and car-driving ability, 573
—, effect of, on sleep in man, 567
—, kinetic interation of nomifensine with, 143S
Clofibrate, effect of, on glucose tolerance in maturity onset diabetes, 455
Clomipramine, comparison of nomifensine and, in unipolar depression using the probenecid technique, 179S
Clonazepam, effect of, on interictal spike discharges in EEGs of epileptic patients, 683
Clonidine, changes in sleep pattern, blood pressure, heart rate and plasma noradrenaline after night-time administration of slow release, 634P
—, comparative trial of, and propranolol in treatment of moderate hypertension, 289
—, pharmacokinetics of, and its relation to the hypotensive effect in patients, 633P
—, plasma noradrenaline following, in man, 389P
Clorgyline, for inhibition of type A monoamine oxidase activity, 718P
Cloxacillin, effect of, on binding capacity of human cord serum bilirubin, 395P
Cocaine, comparison of diamorphine with mixture and methadone for analgesia, 691
Codeine, facilitation of memory functions induced by, 654P
Coeliac disease, pharmacokinetics of pivmecillinam in, 267
Cold, modification of pressor responses induced by, 389P
Collagen, effect of diflunisal on platelet aggregation induced by, 37S
Colon, muscle abnormality in diverticular disease of, 732P
Compliance, measuring patient, using single head hairs, 699
Compound 48/80, vascular reactions to histamine and, in human skin and suppression by a histamine H_2-receptor blocking agent, 367
Computers, teaching game based on simulation by, of phenytoin in grand mal epilepsy, 735P
Contraception, pharmacokinetics of norethisterone taken as, 729P

Contraceptive steroids, effect of, on antipyrine elimination, 261
Coordination, effect of nordiazepam on visuo-motor, 647P
Coronary heart disease, cardiovascular effects of UK 14275 a new inotropic agent in, 513
Corticosteroids, efficacy of beclomethasone dipropionate aerosol alone or combined with small quantities of systemic, in controlling chronic asthma, 253S
—, experience with use of a, aerosol in chronic asthma, 255S
—, replacement of, with beclomethasone dipropionate aerosol in treatment of asthma in general practice, 275S
—, successful replacement of, with beclomethasone dipropionate aerosol in treatment of asthma, 259S
^{51}Cr-EDTA, clearance of, as a measure of renal function, 33
Creatinine, clearance of endogenous, as a measure of renal function, 33
—, clearance of, following spironolactone in healthy subjects, 247
—, effect of serum concentration of, on individual variation in response to thiopentone, 640P
—, prescribing aids for digoxin based on clearance of, 327
—, serum levels of, during infusion of hydroxyethyl starch indicate renal function is not impaired, 591
Crohn's disease, plasma protein binding of propranolol in, 627P
Cyclic AMP, changes in levels of, as measure of β-adrenoceptor response in human lymphocytes and lung parenchyma, 723P
Cyclizine, effects of, alone and in combination with caffeine on human performance and subjective ratings, 652P

D

Debrisoquine, concentration of, by human platelets *in vivo* and its relationship to hypotensive effect, 635P
—, defective alicyclic hydroxylation of, in man, 725P
—, population and familial study of defective hydroxylation of, 726P
Demethylchlortetracycline, simultaneous pharmacokinetic analysis of, with other tetracycline antibiotics, 638P
Depression, comparison of nomifensine and amitriptyline in acute primary, 221S
—, controlled comparison of nomifensine and imipramine in treatment of, 215S
—, interaction between mianserin and noradrenaline in patients suffering from, 712
Dermatitis, treatment of, may be more effective using a combination of H_1 and H_2-histamine receptor antagonists than either alone, 367
Desipramine, comparison of certain effects of, with those of butriptyline, 91
—, influence of, compared with that of nomifensine on tyramine pressor response in healthy volunteers, 157S
—, review of controlled comparison of, with nomifensine in studies carried on outside the UK, 237S
N-Desmethyldiazepam, see nordiazepam, 647P
Dextrose, frequency of use of, in two comparable teaching hospitals and adverse effects of infusion with, 299
Diabetes, effect of clofibrate on glucose tolerance in maturity onset, 455
—, metabolic effects of fenfluramine in obese patients suffering from, 529
Diamorphine, comparison of mixture of, with cocaine and methadone for analgesia, 691
Diazepam, activity of fosazepam a soluble analogue of, 494
—, effect of, on interictal spike discharges in EEGs of epileptic patients, 683
—, effect of premedication with, on psychic sequelae from ketamine, 641P
—, food intake and plasma binding of, 85
—, immediate and residual effects on human performance of hydroxylated metabolites of, 400P
—, plasma concentrations of, following treatment with, 51
—, relative amnesic actions of, flunitrazepam and lorazepam in man, 45
—, relative efficacy of, and of nitrazepam and their relative costs, 492
—, review of controlled comparison of, with nomifensine in studies carried on outside the UK, 237S
—, saliva and plasma concentrations of, following single oral dose, 711
Dichloralphenazone, repeated dose comparison of, flunitrazepam and amylobarbitone sodium on some aspects of sleep and early morning behaviour in normal subjects, 229
Diet, influence of, on digoxin dose requirements, 489
Diflunisal, comparative effects of aspirin and, on prostaglandin synthetase from human platelets and sheep seminal vesicles, 15S
—, discovery of, 7S
—, historical perspectives on development of, 5S
—, efficacy of, in postoperative pain, 39S
—, effect of, on platelet function and blood coagulation, 37S
—, less inhibitory to platelet function than aspirin, 15S
—, pharmacokinetics of elimination of, in renal insufficiency, 645P
—, pharmacology and toxicology of, 19S
—, proceedings of a symposium on, 1S–15S
—, comparability of doage regimens of lanoxin tablets and lanoxicaps, 209
—, review of pharmacokinetic and pharmacodynamic properties, drug interactions, and special tolerability studies in humans, 31S
—, six-month experience in osteoarthritis, 45S
2′,4′-Difluoro-4-hydroxy-3-biphenylcarboxylic acid, see diflunisal, 645P
5-(2,4-Difluorophenyl)-salicylic acid, see diflunisal, 7S
Digoxin, absolute bioavailability of, in chronic renal failure, 728P
—, comparison of medigoxin and, in patients with atrial fibrillation, 727P
—, compliance in patients from general practice, 391P
—, correlation of tablet dissolution rate and biological availability of, 235
—, determinants of apparent volume of distribution of, 223
—, influence of diet on dose requirements of, 489
—, influence of therapeutic doses of spironolactone on liver microsomal enzyme system and elimination of, in man, 639P
—, monitoring therapy with, 213, 223
—, plasma concentration measurements in general practice, 321
—, plasma concentrations of, and an *in vitro* assay of tissue response to, 213
—, prescribing in perspective, 327
***p*,γ-Dihydroxyphenbutazone,** urinary excretion of, as measure of oxidation of phenylbutazone in man, 621

Dimethyl tubocurarine, interaction of halothane with, in man, 384P
Dipyridamole, effect of, on platelet function, 129
Disopyramide, plasma kinetics and pharmacodynamics of, applied to assessment of bioavailability, 633P
Diuretics, eye symptoms in hypertensive patients treated with, alone or in combination with β-adrenoceptor blockers, 295
—, fate of bumetanide a new, in man, 39
—, plasma uric acid and spironolactone response in healthy subjects, 247
—, qualitative differences between bumetanide and frusemide, 644P
—, relationship between urate retention and electrolyte excretion during treatment with loop, 392P
—, usefulness of xipamid a relatively new, in treatment of mild to moderate hypertension, 283
Diverticular disease, observations on the muscle abnormality in, 732P
Dopamine, as a substrate for monoamine oxidase activity in post-mortem brains from schizophrenics, 719P
—, consequences of, receptor blockade in acute schizophrenia, 648P
—, effect of carbidopa on urinary sodium excretion in man, 115
—, effect of ciclazindol on uptake of, by human platelets, 400P
—, effects of nomifensine *in vitro* on uptake of 5-HT and, into human platelets, 159S
—, may be an intrarenal natriuretic hormone, 115
—, nomifensine does not stimulate receptor sites for, directly, 77S
—, serum prolactin as index of, receptor blockade in acute schizophrenia, 651P
Dopamine-β-hydroxylase, comparison of activity of, in post-mortem brains from schizophrenics and controls, 720P
Doxepin, review of controlled comparison of, with nomifensine in studies carried on outside the UK, 237S
Dreaming, attenuation of, following ketamine, 641P
Driving, effect of clobazam on, ability, 573
Droperidol, effect of premedication with, on psychic sequelae from ketamine, 641P
Drug interactions, prevention of adverse, 611

E

Eczema, development of, following replacement of systemic corticosteroid therapy for beclomethasone dipropionate aerosol in chronic asthma, 275S
Electroencephalogram, effect of frusemide, mexiletine, (+)-propranolol and three benzodiazepine drugs on interictal spike discharges in, of epileptic patients, 683
Electroencephalography, method for monitoring drug effects on stimulus, response and motor components of reaction time, 659P
Enzyme induction, and renal function in man, 33
Ephedrine, efficacy of, in treatment of neurogenic postural hypotension, 721P
Epilepsy, a case of phenytoin-primidone interaction in, 693
—, disposition of sodium valproate in healthy volunteers and patients suffering from, 716P
—, effect of frusemide, mexiletine, (+)-propranolol and three benzodiazepine drugs on interictal spike discharges in EEGs of patients suffering from, 683
—, effect of nomifensine on brain amines and, in photosensitive baboons, 101S
—, factors influencing plasma phenobarbitone in, 541
—, interaction between phenytoin in treatment of, and concurrent imipramine for depression, 485
—, prescribing phenytoin for, in children, 378
—, teaching game based on computer simulation of phenytoin in grand mal, 735P
Ethanol, effect of, on residual plasma methaqualone concentrations and behaviour in volunteers following Mandrax, 245
Ethical review, necessity for independent, in the pharmaceutical industry, 73
Exercise, comparative effects of labetalol and propranolol in healthy men during, 15
—, control of changes induced by, as measure of efficacy of β-adrenoceptor blockers, 413
—, semi-automatic indirect blood pressure and heart rate measurement in normal males following isometric, 275
Eye, symptoms in patients taking propranolol and other hypotensive agents, 295
Eysenck Personality Inventory, as measure of personality for relationship with monoamine oxidase type, 718P

F

Fat, dietary content of, one of variables influencing rate of elimination of digoxin, 489
Fatty acids, levels of free, before and after meal and relation to plasma binding of diazepam, 85
Fenfluramine, metabolic effects of, in obese diabetics, 529
Fever, drug, among common side-effects of procainamide, 507
Fibrinogen, effect of diflunisal on, 37S
Flucoxacillin, effect of, on binding capacity of human cord serum bilirubin, 395P
Flunitrazepam, controlled comparison of sedative properties of lorazepam, and fosazepam, 706
—, effect of premedication with, on pyschic sequelae from ketamine, 641P
—, relative amnesic actions of diazepam, lorazepam and, in man, 45
—, repeated dose domparison of, dichloralphenazone and amylobarbitone sodium on some aspects of sleep and early morning behaviour in normal subjects, 229
Fluorimetry, rapid assay method for minocycline in plasma or serum compared with microbiological assay, 57
—, simple, rapid assay for cephalosporin antibiotics, 427
Flupenthixol, clincial effects of isomers of, and consequences of dopamine receptor blockade in acute schizophrenia, 648P
—, direct radioimmunoassay for, in plasma, 407P
—, plasma levels of α- and β-, in trial of clincial efficacy of the two stereoisomers, 732P
Flurbiprofen, clinico-pharmacological study of, in relation to anti-inflammatory analgesic drug responders and non-responders, 623
—, seems not to interfere with standard urine test results, 700
Foetus, accumulation of pethidine given to mother during childbirth by, 715P
Follicle stimulating hormone, endogenous levels of, and the tyramine pressor response in women, 500
Food, delays absorption of benoxaprofen when given together, 585

—, effect of intake of, on plasma binding of diazepam, 85
Forced expiratory volume, comparative effects of rimiterol and salbutamol aerosols on, 77
Fosazepam, activity of, a soluble analogue of diazepam, 494
—, controlled comparison of sedative properties of lorazepam, fosazepam and, 706
Frusemide, effect of, on electrolyte excretion urate retention and urine volume, 392P
—, effect of, on interictal spike discharges in EEGs of epileptic patients, 683
—, less potent on a weight basis than bumetanide as a diuretic in man, 39
—, qualitative differences between bumetanide and, 644P
—, response to, in normal subjects, 121
Fusidic acid, plasma and serum levels of, following administration of sodium fusidate by different routes, 615

G

Gallamine, interaction of halothane with, in man, 384P
Gas chromatography, a rapid method for determination of plasma mexiletine levels by, 380
—, a single comprehensive assay using, for tricyclic and tetracyclic antidepressants and their major metabolites in plasma, 249
—, for measurement of plasma nitroglycerin levels after various modes of administration, 241
—, for measurement of thioridazine in blood and urine, 173
—, simple method for determination of nomifensine in plasma, 117S
Gas-liquid chromatography, for determination of chlorphentermine in man, 193
Gastric acid, cimetidine inhibits secretion of human, 487
Gastrointestinal system, upset of, among common side-effects of procainamide, 507
General practice, digoxin compliance in patients from, 391P
—, experience of use of beclomethasone dipropionate aerosol in, 275S
—, plasma digoxin measurements in, 321
Gentamicin, factors influencing therapeutic response to, in children, 394P
Glasgow Drug Surveillance Programme, results on study of the use of intravenous fluids in medical wards of two comparable teaching hospitals, 299
D-Glucaric acid, urinary excretion of, as measure of liver microsomal enzyme activity, 33
Glucose, effect of ciclazindol on uptake of, into human skeletal muscle, 400P
—, effect of clofibrate on tolerance to, in maturity onset diabetes, 455
—, effect of diflunisal on blood, 37S
—, effect of fenfluramine on blood levels of, in obese diabetics, 529
γ-Glutamyl-transpeptidase, urinary excretion of, as measure of liver microsomal enzyme activity, 33
Glutethimide, reaction time and plasma concentrations following, compared with those following nitrazepam, 109
Glyceryl trinitrate, control of changes in heart rate induced by, as measure of β-adrenoceptor blockade, 413
Glycopyrronium, effectiveness of, administered by different routes, 383P
—, evaluation of anticholinergic activity of, 383P
Growth hormone, amphetamines and narcolepsy, 343
—, effect of nomifensine on levels of, in acromegaly, 191S
—, plasma levels of, following amphetamine in normal and narcoleptic subjects, 343
Gynovlar, pharmacokinetics of norethisterone taken as, 729P

H

Haemodialysis, will not eliminate nomifensine in impaired renal function, 129S
Haemoglobin, effect of concentration of, on individual variation in response to thiopentone, 640P
—, effect of diflunisal on, 37S
Hair, use of single head, for measurement of patient compliance, 699
Half-life, errors in determinations of, under multi-compartment conditions, 704
Halofenate, effect of, on serum binding of phenytoin, 625
Halothane, interaction of, with non-depolarizing neuromuscular blockers in man, 384P
Heart, attenuation of stimulatory effects of ketamine on, 658P
Heart rate, changes in, after night-time administration of slow release clonidine, 634P
—, comparative effects of labetalol and propranolol on, in healthy men during exercise and at rest, 15
—, comparative effects of rimiterol and salbutamol aerosols on, 77
—, comparison of effects of low and high intravenous doses of practolol on, at rest and during exercise, 722P
—, comparison of effects of penbutolol and propranolol on, in man, 135
—, effects of prazosin plus tolamolol on resting and exercise, in essential hypertension, 141
—, comparison of effects of *p*-tyramine with phenelzine, phenylephrine and ephedrine on, in neurogenic postural hypotension, 721P
—, decreased by intravenous metoprolol in hypertensive patients at rest and during exercise, 23
—, duration of action of atenolol on exercise-induced increases in, in healthy man, 387P
—, effect of acebutolol on, in man, 373
—, effect of β-adrenoceptor blockers on resting, to assess their value, 413
—, effect of metoprolol on, at rest and during exercise in essential hypertension, 147
—, effect of once daily administration of sotalol on exercise, 153
—, effect of period of mental arithmetic on, in normotensive and hypertensive subjects and modification by β-adrenoceptor blockers, 469
—, effect of propranolol, phentolamine and labetalol on, in response to immersion of a hand in cold water, 389P
—, effects of rimiterol and salbutamol on, administered by positive-pressure ventilation, 605
—, indirect measurement of, quickly using a semi-automatic machine following exercise and β-adrenoceptor blockade, 275
—, UK 14275 enhances contractility of left ventricle in heart disease without altering, 513
Heparin, effect of intravenous, on serum free triiodothyronine levels, 701

Hexamethonium, effect of, on cardiostimulatory effects of ketamine, 658P
^{125}I-Hippuran, clearance of, as a measure of renal function, 33
Histamine, contraction of bronchial smooth muscle strip induced by, as measure of β-adrenoceptor response, 723P
—, effect of cimetidine on responsiveness of human gastric mucosa to, 487
—, effects of labetalol and propranolol on bronchoconstriction induced by, in normal subjects, 157
—, muscle response to, in diverticular disease, 732P
—, subclasses of receptors for, on human skin blood vessels and their possible clinical significance, 657P
—, vascular reactions to, and to compound 48/80 in human skin and suppression by an H_2-receptor blocking agent, 367
H_2-receptors, vascular reactions to histamine and compound 48/80 in human skin and suppression by a blocking agent for, 367
Hodgkin's disease, effect of quadruple chemotherapy on peripheral blood lymphocyte populations in, 475
Homovanillic acid, levels of, during treatment of unipolar depression with nomifensine or clomipramine, 179S
Hookworm anaemia, phase 1 and 2 studies on healthy volunteers and patients with, using a new anthelmintic C.9333-Go/CGP 4540, 463
Hydrocortisone, can overcome bronchial resistance to β-adrenoceptor agonists, 385P
—, increased oxidation of phenylbutazone during infusion of, in man, 621
β-Hydroxybutyrate, no change in blood levels of, during treatment of obese diabetics with fenfluramine, 529
4-Hydroxydebrisoquine, excretion of, as a measure of metabolism of debrisoquine in man, 725P
6-Hydroxydopamine, nomifensine induces ipsilateral circling in rats with nigrostriatal lesions induced by, 89S
Hydroxyethyl starch, urinary excretion of, in normal volunteers following three consecutive daily infusions, 591
γ-Hydroxyphenbutazone, urinary excretion of, as measure of oxidation of phenylbutazone in man, 621
Hydroxyphenytoin, use of urinary ratio of, to phenytoin as guide for prescribing phenytoin in childhood, 378
5-Hydroxytryptamine, as a substrate for monoamine oxidase activity in post-mortem brains from schizophrenics, 719P
—, contractions of isolated human basilar artery induced by, reversed by propranolol, 27
—, effect of ciclazindol on uptake of, by human platelets, 400P
—, effects of nomifensine *in vitro* on uptake of, and dopamine into human platelets, 159S
—, muscle jerking induced in guinea-pigs by 5-hydroxytryptophan dependent on increased activity at postsynaptic, receptors, 402P
—, muscle response to, in diverticular disease, 732P
—, uptake of, into human platelets and effect of nomifensine, 165S
—, uptake of, not inhibited by 'therapeutic' doses of nomifensine, 77S
5-Hydroxytryptophan, behaviour in guinea-pigs induced by, and its relevance to human myoclonus, 402P
Hydroxyzine, effect of premedication with, on psychic sequelae from ketamine, 641P
Hyoscine butylbromide, some effects of injected, as a class experiment in human pharmacology, 337
Hyperlipoproteinaemia, comparison of cholestyramine and nicotinic acid in treatment of familial type II, 305
Hyperprolactinaemia, effects of nomifensine in, 191S
Hypertension, acute haemodynamic effects of metoprolol in, 23
—, antagonism of bethanidine during treatment of, by mazindol for accompanying obesity, 486
—, cerebrospinal fluid concentration of metoprolol in a patient suffering from, 240
—, comparative trial of clonidine, propranolol and placebo in treatment of moderate, 289
—, controlled study of once daily treatment of mild to moderate, with xipamid, 283
—, effect of minor mental stress in, and modification by β-adrenoceptor blockers, 469
—, efficacy of once-daily atenolol in, 523
—, haemodynamic long-term effects of metoprolol at rest and during exercise in essential, 147
—, haemodynamic long-term effects of prazosin plus tolamolol in essential, 141
—, labetalol probably more useful in treatment of, than propranolol, 15
—, plasma concentrations of metoprolol in, 497
—, plasma-salivary ratios of acebutolol in treatment of migraine and, 724P
—, rate of onset of hypotensive response to oral labetalol in mild to moderate, 388P
Hyperthyroidism, effect of, on elimination of β-adrenoceptor blockers, 79
Hyperuricaemia, relationship between, and treatment with loop diuretics, 392P
Hypotension, concentration of debrisoquine by human platelets *in vivo* and its relationship to effect in producing, 635P
—, pharmacokinetics of clonidine and its effect in inducing, in patients, 633P
—, pressor amines in treatment of neurogenic postural, the limitations and hazards, 721P
Hypotensive agents, eye symptoms in hypertensive patients associated with, 295
Hypothyroidism, effect of, on elimination of β-adrenoceptor blockers, 79
Hypovolaemic shock, urinary excretion of hydroxyethyl starch an agent used for treatment of, in normal volunteers, 591

I

Ibuprofen, comparison of analgesic efficacy and tolerance of diflunisal with, and acetylsalicylic acid in 6-month treatment of osteoarthritis, 45S
—, seems not to interfere with standard urine test results, 700
ICI 74,917, absorption and elimination of, in man, 357
IgA antibodies, beclomethasone dipropionate aerosol treatment does not reduce, specific to yeast cells in asthmatics, 303S
IgE antibodies, beclomethasone dipropionate aerosol treatment does not reduce, specific to yeast cells, 303S
Imipramine, compared with nomifensine for comparison of effects of repeated doses on sleep and performance, 167S

—, comparison of effect of, in experimental model of epilepsy with chlorimipramine maprotiline and nomifensine, 101S
—, comparison of, with nomifensine in depressed patients and healthy volunteers, 153S
—, controlled comparison of nomifensine and, in depressive illness, 215S
—, effect of, on response of human bronchial smooth muscle to noradrenaline, 723P
—, induction of metabolism of, following barbiturate administration, 399P
—, interaction between phenytoin and, 485
—, review of controlled comparison of, with nomifensine in studies carried on outside the UK, 237S
Immunotherapy, of cancer and drug disposition, 695
Indomethacin, effect of, on arachidonic acid, PGE_2 and $PGF_{2\alpha}$ levels following irradiation of human skin with ultraviolet B, 643P
Industrial training, value of time spent in, in pharmaceutical industry, 3
Inhaler, improved design of powder, 689
Inheritance, defective alicyclic hydroxylation of debrisoquine seems to be an inherited trait, 726P
Insulin, addition of, has no effect on glucose uptake by human isolated skeletal muscle induced by ciclazindol and mazindol, 459
—, plasma levels of, during clofibrate treatment in maturity onset diabetes, 455
Intravenous fluids, in medical in-patients, 299
Ipratropium bromide, effect of aerosol, on sputum viscosity and volume in chronic bronchitis, 491
Iron, metabolism of antipyrine in deficiency of, 631P
Isoniazid, acetylator phenotyping of tuberculosis patients using matrix, and prognostic significance for treatment with several intermittent regimens containing, 5
Isoprenaline, ability of various β-adrenoceptor blockers to block cyclic AMP response to, in human lymphocytes, 723P
—, effect of, on bronchial smooth muscle contracted by histamine, 723P
—, effect of propranolol and atenolol on human fat cell adenylate cyclase system stimulated by, 499
—, plasma protein binding of, in thyroid dysfunction, 628P
—, response of human bronchial smooth muscle to, 723P
—, use of, in assessment of β-adrenoceptor blockers, 413
4-Isothiocyanato-4′-nitrodiphenylamine, see C.9333-Go/CGP 4550, 463

J

K

Ketamine, attenuation of cardiostimulatory effects of, 658P
—, attenuation of psychic sequelae from, 641P
Kidney, absolute bioavailability of digoxin in chronic renal failure, 728P
—, pharmacokinetics of diflunisal elimination in renal insufficiency, 645P
—, pharmacokinetics of nomifensine in impaired renal function, 129S
—, plasma protein binding of propranolol in renal failure, 627P
—, renal clearance of lignocaine in cardiac patients and aged subjects, 439

L

Labetalol, comparison of effects of, and propranolol in healthy men at rest and during exercise, 15
—, effects of, and propranolol on histamine-induced bronchoconstriction in normal subjects, 157
—, effect of, on cardiostimulatory effects of ketamine, 658P
—, orally and intravenously inhibits pressor response to cold by α-adrenoceptor blockade, 389P
—, probably more useful than propranolol for treatment of hypertension, 15
—, rate of onset of hypotensive response with oral, 388P
Labour, transplacental passage and neonatal elimination of pethidine given to mothers during, 715P
Lactate, no change in blood levels of, during fenfluramine treatment of obese diabetics, 529
Lanitop, see medigoxin, 727P
Lanoxin, see digoxin, 727P
Levodopa, with (—)-α-methyldopa hydrazine by mouth causes rise in plasma growth hormone levels in most normal and narcoleptic subjects, 343
Lignocaine, pharmacokinetics of, in cardiac patients and aged subjects, 439
Lilly Prize Lecture, The First; factors influencing antipyrine elimination, 261
Lincomycin, plasma, bone, hip capsule, synovial and drain fluid concentrations of, during total hip replacement, 433
Lipids, comparison of effects of nicotinic acid and cholestyramine on plasma concentrations of, in treatment of familial type II hyperlipoproteinaemia, 305
—, comparison of three different enzyme-inducing agents and their influence on plasma, in man, 398P
Lithium, age as a factor affecting therapy with, 201
—, effects on bone of long-term administration of, in man and rat, 649P
—, serum concentrations of, after three proprietary preparations of, 479
Lithium carbonate, serum lithium concentrations following three proprietary preparations of, 479
Liver, antipyrine kinetics in relation to size of, in the elderly, 730P
—, biological determinants of propranolol disposition in normal subjects and patients with cirrhosis of the, 630P
—, effects of chronic ingestion of alcohol and alcoholic disease of, on drug-protein binding, 629P
—, hepatobiliary metabolism and excretion of adriamycin in man, 639P
—, influence of therapeutic doses of spironolactone on microsomal enzyme system of, and digoxin elimination in man, 639P
—, plasma protein binding of propranolol in cirrhosis of the, 627P
—, value of measurement of volume of, in study of antipyrine kinetics in disease of, 393P
Lorazepam, comparison of effect of single dose of, with oxprenolol on stress-induced physiological changes and some psychophysiological variables, 402P
—, controlled comparison of sedative properties of, flunitrazepam and fosazepam, 706
—, effect of, on interictal spike discharges in EEGs of epileptic patients, 683
—, effect of premedication with, on psychic sequelae from ketamine, 641P
—, relative amnesic actions of diazepam, flunitrazepam and, in man, 45

Lundh meal, effect of, on plasma concentration/time curve of ampicillin, amoxycyllin, pivampicillin and cephalexin in normal subjects, 406P
Lung, comparison of effects of low and high intravenous doses of practolol on expiratory function of, at rest and during exercise, 722P
—, pharmacology of β-adrenoceptors in parenchyma of human, 723P
Luteinising hormone, endogenous levels of, and the tyramine pressor response in women, 500
Lymphocytes, effect of quadruple chemotherapy on peripheral populations of, in Hodgkin's disease, 475
—, pharmacology of β adrenoceptors in human, 723P

M

Macaca mulatta, comparative study on activities of fosazepam and diazepam in, 494
Mandrax, effect of ethanol on residual plasma methaqualone concentrations and behaviour following, 245
Maprotiline, comparison of effect of, in experimental model of epilepsy with chlorimipramine, imipramine and nomifensine, 101S
Mazindol, antagonism of bethanidine by, 486
—, effect of, on glucose uptake into human isolated skeletal muscle, 459
Medazepam, plasma concentrations of, following treatment with, 51
Medical education, a class experiment in human pharmacology investigating effects of hyoscine butylbromide injected three different ways, 337
Medigoxin, comparison of, and digoxin in patients with atrial fibrillation, 727P
Memory, codeine-induced facilitation of, functions, 654P
Menstrual cycle, and the tyramine pressor response, 500
Mepacrine, use of, as a marker for patient compliance measured by fluorescence of single head hair, 699
Meptazinol, absorption and disposition of, following rectal administration, 163
Methacholine chloride, *in vivo* and *in vitro* studies on pupillary effects of, 642P
Methadone, comparison of analgesic effects of, and diamorphine-with-cocaine mixture, 691
Methaqualone, effect of ethanol on residual plasma concentrations of, following Mandrax, 245
Methyldopa, eye symptoms associated with hypertensive
—, eye symptoms in hypertensive patients treated with, and a diuretic, 295
(—)-α-Methyldopa hydrazine, with levodopa by mouth causes rise in plasma growth hormone levels in most normal and narcoleptic subjects, 343
Methylphenobarbitone, plasma phenobarbitone levels following administration of, in epileptic patients, 541
α-Methyl-*p*-tyrosine, nomifensine-induced stereotypic behaviour in the rat resistant to pretreatment with, alone 89S
Methylxanthines, influence of dietary, on metabolism and pharmacokinetics of intravenously administered theophylline, 637P
Methysergide, has no effect on mazindol-induced increase in glucose uptake by human isolated skeletal muscle, 459
Metoclopramide, effect of, on neonatal gastric emptying, 207
—, pharmacokinetic and concentration-effect studies with, 650P
Metoprolol, ability of, to block cyclic AMP response to isoprenaline in human lymphocytes, 723P
—, acute haemodynamic effects of, in hypertensive patients, 23
—, cerebrospinal fluid concentration of, in a hypertensive patient, 240
—, effect of, on airways resistance at rest and during exercise in normal subjects, 636P
—, effect of, on blood pressure and heart rate in normotensive and hypertensive subjects under minor mental stress, 469
—, indirect blood pressure and heart rate measurements by a semi-automatic machine following administration of, and exercise, 275
—, long-term haemodynamic effects of, at rest and during exercise in essential hypertension, 147
—, plasma concentrations of, in young old and hypertensive subjects, 497
—, review of properties of, 413
Mexiletine, effect of, on interictal spike discharges in EEGs of epileptic patients, 683
—, rapid method for determination of plasma levels of, by gas chromatography, 380
Mianserin, negligible interaction between, and noradrenaline in depressive illness, 712
Microsomal enzymes, no correlation found between activity of, and renal function in man, 33
Migraine, plasma-salivary ratios of acebutolol in treatment of hypertension and, 724P
Minocycline, rapid fluorimetric assay of, in plasma or serum and comparison with microbiological assay, 57
Minovlar, pharmacokinetics of norethisterone taken as, 729P
MK-647, see diflunisal, 7S
Mogadon, see nitrazepam, 709
Monoamine oxidase activity, in post-mortem brains of schizophrenics and controls, 719P
—, nomifensine does not inhibit, 77S
—, possible relationship between personality and type of, 718P
Monoamines, studies on sites of action of nomifensine on brain metabolism of, 77S
Monoethylglycinexylidide, plasma levels of, during lignocaine infusion in cardiac patients, 439
Monoiodotyrosine, effect of nomifensine on prolactin release induced by, 191S
Mouth, absorption of atenolol and propranolol from the, 655P
—, oral absorption and secretion of drugs, 97
Muscle, effect of ciclazindol and mazindol on glucose uptake into human isolated skeletal, 459
—, observations on the abnormality of, in diverticular disease, 732P
—, pharmacology of β-adrenoceptors in bronchial smooth, 723P
Muscle relaxants, differential effects of non-depolarizing, on neuromuscular transmission in man, 404P
Mustine, as part of standard chemotherapy regime in Hodgkin's disease and effect on peripheral blood lymphocyte count, 475
Myasthenia gravis, plasma concentration and effects of pyridostigmine in, 404P

Myocardial infarction, effects of UK 14275 on left ventricle in acute, 513
Myoclonus, relevance of 5-hydroxytryptophan-induced behaviour in guinea-pigs to human, 402P

N

NAB 365, bronchodilator effect of, 67
Nasal mucosa, beclomethasone dipropionate aerosol and, 295S
—, effects of beclomethasone dipropionate aerosol on, 287S
Nasal polypi, beclomethasone dipropionate aerosol least effective in treatment of, compared with perennial and seasonal rhinitis, 283S
—, development of, following replacement of systemic corticosteroid therapy for beclomethasone dipropionate aerosol in chronic asthma, 275S
Neonate, altered plasma albumin in the human, 82
—, effect of metoclopramide on gastric emptying in the, 207
—, elimination of pethidine by, following administration to mother during childbirth, 715P
Neostigmine, preceded by intravenous atropine, intravenously reverses effects of interaction of tubocurarine, dimethyl tubocurarine and gallamine with halothane in man, 384P
Neuromuscular blockers, interaction of halothane with non-depolarizing, in man, 384P
Neuromuscular transmission, differential effects of non-depolarizing muscle relaxants on, in man, 404P
—, improvement in, in myasthenia gravis correlated with plasma concentration of pyridostigmine, 404P
Nicotinic acid, comparison of effects of, and cholestyramine on plasma lipid concentration in treatment of familial type II hyperlipoproteinaemia, 305
Nicotine, behavioural regulation of intake of, in cigarette smokers presented with a 'shortened' cigarette, 653P
—, muscle response to, in diverticular disease, 732P
Nitrazepam, differences between light and sound sleepers in residual effects of, 101
—, pharmacokinetics of, in young volunteers and aged patients, 646P
—, plasma level profile of, following oral administration, 709
—, reaction time and plasma concentrations following, compared with those following glutethimide, 109
—, relative efficacy of, and of diazepam and their relative costs, 492
Nitroglycerin, plasma levels of, after sublingual, oral and topical administration, 241
Nomifensine, a dopaminergic agonist compared with amitriptyline: a double-blind clinical trial in acute primary depressions, 221S
—, a profile of, 243S
—, 8-amino-2-methyl-4-phenyl-1,2,3,4-tetra-hydroisoquinoline
—, clinical comparison of, and amitriptyline, 233S
—, comparative review of pharmacology of, 69S
—, comparison of, and placebo, 209S
—, contrasts in antidepressant medications, 153S
—, controlled randomized group comparison of, and imipramine in depressive illness, 215S
—, controlled study comparing clomipramine and, in unipolar depression using the probenecid technique, 179S
—, determination of, by a sensitive radioimmunoassay, 123S
—, discussion of paper on effects of, on 5-HT and dopamine into human platelets, 159S
—, dynamic interaction of, with alcohol, 147S
—, effects of, an inhibitor of endogenous catecholamine re-uptake in acromegaly, in hyperprolactinaemia and against stimulated prolactin release in man, 191S
—, effects of, *in vitro* on uptake of 5-HT and dopamine into human platelets, 159S
—, effect of, on brain amines and epilepsy in photosensitive baboons, 101S
—, further aspects of pharmacology of, 89S
—, human pharmacology of antidepressives, 135S
—, in parkinsonism, 185S
—, in Parkinson's disease, 187S
—, influence of, and desipramine on tyramine pressor responses in healthy volunteers, 157S
—, introduction to symposium on, 55S
—, kinetic interaction of, with a 1,5-benzodiazepine (clobazam), 143S
—, kinetics and metabolism of, in animals, 109S
—, laboratory investigation of effect of acute doses of, on simulated aspect of night-time car driving performance, 175S
—, pharmacokinetics of, in impaired renal function, 129S
—, proceedings of a symposium on, January 1977, 53–248S
—, repeated dose comparison of, imipramine and placebo on subjective assessments of sleep and objective measures of psychomotor performance, 167S
—, review of controlled studies with, performed outside the UK, 237S
—, review of pharmacology of existing antidepressants, 57S
—, simple gas chromatographic method for determination of, in plasma and comparison of method with other available techniques, 117S
—, some of the problems and difficulties associated with clinical studies of antidepressant agents, 199S
—, studies on brain metabolism of biogenic amines, 77S
—, videotape technique in assessing antidepressants, 227S
Noradrenaline, changes in plasma levels of, after night-time administration of slow release clonidine, 634P
—, contractions of isolated human basilar artery induced by, reversed by propranolol, 27
—, effect of infusion of, on blood pressure and plasma levels of, following clonidine administration in man, 389P
—, muscle response to, in diverticular disease, 732P
—, negligible interaction between mianserin and, in depressive illness, 712
—, nomifensine does not stimulate receptor sites for, directly, 77S
—, response of human bronchial smooth muscle to, 723P
—, sensitive radioenzymatic assay for adrenaline and, in plasma, 553
Nordiazepam, activity of, 647P
—, plasma concentrations of, following intraperitoneal injection of diazepam or fosazepam in the monkey, 494
—, residual effects of potassium clorazepate a precursor of, 86
Norethisterone, pharmacokinetics of, in women, 729P
Noriday, pharmacokinetics of norethisterone taken as, 729P

Norpace, see disopyramide, 633P
Nortriptyline, review of controlled comparison of, with nomifensine in studies carried on outside the UK, 237S

O

Obesity, antagonism of bethanidine for hypertension by mazindol for, 486
Oestradiol, endogenous levels of, and the tyramine pressor response in women, 500
Optics, effect of parenteral hyoscine butylbromide on near point of accommodation in healthy students, 337
Oral administration, absorption and secretion of drugs administered by mouth, 97
Osteoarthritis, analgesic efficacy and tolerance of diflunisal compared with ibuprofen and acetylsalicylic acid in treatment of, for six-month period, 45S
Oxazepam, immediate and residual effects on human performance of, 400P
Oxprenolol, comparison of effect of single dose of, with lorazepam on stress-induced physiological changes and some psychophysiological variables, 402P
—, effect of, on airways resistance at rest and during exercise in normal subjects, 636P
—, review of properties of, 413
—, slow release, in angina pectoris, 387P
Oxyphenbutazone, urinary excretion of, as measure of oxidation of phenylbutazone in man, 621

P

Paediatrics, an index for prescribing phenytoin in childhood, 378
—, factors influencing therapeutic response to gentamicin treatment in children, 394P
Pain, efficacy of diflunisal in postoperative, 39S
Paracetamol, effect of overdose on antipyrine elimination, 261
Pargyline, for inhibition of type B monoamine oxidase activity, 718P
James Parkinson (1755–1824), a lesson for clinical pharmacology in 1977, 667
Parkinsonism, nomifensine in, 185S
—, nomifensine in, 187S
Penbutolol, comparative β-adrenoceptor blocking effects and pharmacokinetics of, and propranolol in man, 135
—, dynamic and kinetic comparison of, and propranolol in healthy volunteers, 386P
Pentobarbitone, effect of premedication with, on psychic sequelae from ketamine, 641P
Performance, at adaptive tracking following potassium clorazepate, 86
—, comparison of effects of dichloralphenazone, flunitrazepam and amylobarbitone sodium on, following four nights of treatment, 229
—, comparison of effects of repeated doses of nomifensine, imipramine and placebo on objective measures of, 167S
—, different standards of, in light and sound sleepers following nitrazepam, 101
—, effect of acute doses of nomifensine on simulated aspect of night-time car driving, 175S
—, effects of caffeine and cyclizine alone and in combination on human, and subjective ratings, 652P
—, effect of clobazam on driving ability and other measures of, 573
—, effect of ethanol on behaviour and, in volunteers following Mandrax, 245
—, effect of nomifensine with alcohol on, 147S
—, effect of nordiazepam on visuo-motor coordination, 647P
—, immediate and residual effects on human, of hydroxylated metabolites of diazepam, 400P
Personality, possible association between, and monoamine oxidase type, 718P
Pethidine, effect of premedication with, on psychic sequelae from ketamine, 641P
—, transplacental passage and neonatal elimination of, given to mothers in childbirth, 715P
Pharmaceutical industry, ethical review in, 73
—, reflections on sabbatical year spent working in the, 3
—, role of, in postgraduate medical education, 257
Phasal, serum concentrations of lithium following, a proprietary preparation of lithium carbonate, 479
Phenelzine, efficacy of *p*-tyramine with, in treatment of neurogenic postural hypotension, 721P
Phenobarbitone, effect of, on imipramine metabolism in the rat, 399P
—, effect of, on plasma lipids in man, 398P
—, factors influencing plasma levels of, in epileptic patients, 541
—, serum levels of, during primidone and phenytoin treatment, 693
Phenoxybenzamine, effect of, on response of human bronchial smooth muscle to adrenaline and noradrenaline, 723P
Phenprocoumon, influence of age on response to, 559
Phentolamine, effect of, alone or with practolol on cardiostimulatory effects of ketamine, 658P
—, prior treatment with, has no effect on pressor responses to cold, 389P
Phenylbutazone, effect of chronic alcohol on binding of, to serum proteins, 629P
—, increased oxidation of, during hydrocortisone infusion in man, 621
Phenylephrine, efficacy of, in treatment of neurogenic postural hypotension, 721P
Phenytoin, a novel graphical procedure for individualizing therapy with, 733P
—, an index for prescribing, in childhood, 378
—, concentrations of, in mixed, parotid and submandibular saliva and serum measured by radioimmunoassay, 185
—, effect of halofenate on serum binding of, 625
—, interaction between, and imipramine, 485
—, interaction between, and primidone in epileptic patients, 541
—, interaction of, with primidone, 693
—, teaching game based on computer simulation of, in grand mal epilepsy, 735P
—, use of urinary ratio of, to hydroxyphenytoin as guide for prescribing, in childhood, 378
Phosphatides, plasma levels of, before and after antipyrine, phenobarbitone and rifampicin, 398P
Pilocarpine nitrate, *in vivo* and *in vitro* studies on pupillary effects of, 642P
Pindolol, a β-adrenoceptor blocking agent with a negligible first-pass effect, 371
—, review of properties of, 413

Pirbuterol, effects of prolonged administration of, by mouth in chronic asthma, 376
Piretanide, effect of, on electrolyte excretion, urate retention and urine volume, 392P
Pivampicillin, effect of a Lundh meal on plasma concentration/time curve of, in normal subjects, 406P
—, pharmacokinetics of, 267
Placenta, passage of pethidine across, during childbirth, 715P
Plasma, a single comprehensive gas chromatographic assay for tricyclic and tetracyclic antidepressants and their major metabolites in, 249
—, comparison of concentration curves for quinidine following oral administration of various formulations, 449
—, concentrations of diazepam in, following a single oral dose, 711
—, lincomycin concentrations in, during total hip replacement, 433
—, nitroglycerin levels in, after sublingual oral and topical administration, 241
—, pharmacokinetic interpretation of steady state concentrations of antipyrine and other drugs in, 89
—, profile of nitrazepam in, following oral administration, 709
—, sensitive radioimmunoassay for nomifensine in, 123S
—, simple gas chromatographic method for determination of nomifensine in, 117S
Plasma proteins, binding of propranolol and isoprenaline to, in thyroid dysfunction, 628P
—, binding of propranolol to, in disease states, 627P
Platelets, comparative effects of diflunisal and aspirin on prostaglandin synthetase from human, 15S
—, concentration of debrisoquine by human, *in vivo* and relationship to hypotensive effect, 635P
—, effect of diflunisal on function of, and blood coagulation, 37S
—, effect of dipyridamole on function of, 129
—, effects of nomifensine *in vitro* on uptake of 5-HT and dopamine into human, 159S
Positive-pressure ventilation, further studies of rimiterol and salbutamol administered by intermittent, 605
Postgraduate medical education, the role of the pharmaceutical industry in, 257
Potassium, effect of once daily xipamid on loss of, in mild to moderate hypertension, 283
—, excretion of, induced by frusemide, bumetanide and piretanide, 392P
—, urinary excretion of, following spironolactone in healthy subjects, 247
Potassium clorazepate, residual effects of, a nordiazepam precursor, 86
Potential difference, measurement of buccal, in assessments of mucosal damaging agents, 408P
Power curves, in clinical trial reports, 656P
Practolol, does ampicillin affect kinetics of, 396P
—, effect of, alone or combined with phentolamine on cardiostimulatory effects of ketamine, 658P
—, effect of, on airways resistance at rest and during exercise in normal subjects, 636P
—, effect of thyroid dysfunction on elimination of, 79
—, relationship of cardioselectivity to plasma concentrations of, in man, 722P
—, reverses cyclic AMP response to isoprenaline in human lung parenchyma, 723P
—, review of properties of, 413
Prazosin, haemodynamic long-term effects of, plus tolamolol in essential hypertension, 141
Prednisolone, as part of standard chemotherapy regime in Hodgkin's disease and effect on peripheral blood lymphocyte count, 475
—, plasma levels of, following administration in plain and enteric-coated tablets, 702
—, plasma levels of, following administration in plain and enteric-coated tablets, replies, 703, 704
—, plasma levels of, from enteric and non-enteric coated tablets estimated by an original technique, 597
—, plasma levels of, in man following administration in plain and enteric-coated forms, 351
Premedication, effect of different, on variation of response to thiopentone, 640P
—, effect of, on attenuation of psychic sequelae from ketamine, 641P
Prescribing, a question of cost with nitrazepam and diazepam, 492
—, importance of distinction between statistically significant and clinically important differences between two drugs, 411
Pressor responses, modification of, induced by 'cold', 389P
Priadel, serum concentrations of lithium following, a proprietary preparation of lithium carbonate, 479
Primidone, interaction of, with phenytoin, 693
—, plasma phenobarbitone levels following administration of, in epileptic patients, 541
Probenecid, use of, in controlled study of comparative effects of nomifensine and clomipramine in unipolar depression, 179S
Procainamide, adverse reactions to, 507
—, comparative evaluation of, and its main metabolite in the acute treatment of ventricular arrhythmias, 632P
—, effect of, on cardiostimulatory effects of ketamine, 658P
—, toxicity of, directly related to daily dose and duration of hospitalization, 507
Procarbazine, as part of standard chemotherapy regime in Hodgkin's disease and effect on peripheral blood lymphocyte count, 475
Progesterone, endogenous levels of, and the tyramine pressor response in women, 500
Prolactin, effects of nomifensine on stimulated release of, in man, 191S
—, serum levels of, as index of dopamine receptor blockade in acute schizophrenia, 651P
Promethazine, effect of, on cardiostimulatory effects of ketamine, 658P
—, effect of premedication with, on psychic sequelae from ketamine, 641P
Propellants, potential hazards in overuse of chlorofluorocarbon, 663
Propranolol, ability of, to block cyclic AMP response to isoprenaline in human lymphocytes, 723P
—, biological determinants of disposition of, in normal subjects and patients with cirrhosis, 630P
—, buccal absorption of, and physicochemical characteristics, 655P
—, comparative β-adrenoceptor blocking effects and pharmacokinetics of, and penbutolol in man, 135
—, comparative trial of, and clonidine in treatment of moderate hypertension, 289
—, comparison of effects of, and labetalol in healthy men at rest and during exercise, 15

—, comparison of effects of, with those of practolol at high and low doses, 722P
—, dynamic and kinetic comparison of, and penbutolol in healthy volunteers, 386P
—, effects of (+) and (−), on responses of human isolated basilar artery to cerebrospinal fluid obtained from patients with subarachnoid haemorrhage and cerebral arterial spasm, 27
—, effects of, and labetalol on histamine-induced bronchoconstriction in normal subjects, 157
—, effect of, on airways resistance at rest and during exercise in normal subjects, 636P
—, effect of, on blood pressure and heart rate in normotensive and hypertensive subjects under minor mental stress, 469
—, effect of, on isoprenaline- and adrenaline-stimulated human fat cell adenylate cyclase, 499
—, effect of thyroid dysfunction on elimination of, 79
—, eye symptoms in hypertensive patients treated with, and a diuretic, 295
—, may be of use in reversing cerebral arterial spasm, 27
—, plasma protein binding of, in disease states, 627P
—, plasma protein binding of, in thyroid dysfunction, 628P
—, plasma-salivary ratios of, in treatment of hypertension and migraine, 724P
—, prior treatment with, has no effect on pressor responses to cold, 389P
—, review of properties of, 413
—, time course of buccal absorption of, 704
(+)-Propranolol, effect of, on interictal spike discharges in EEGs of epileptic patients, 683
Prostaglandins, contractions of isolated human basilar artery induced by several, reversed by propranolol, 27
Prostaglandin E_2, levels of, determined by gas chromatography-mass spectroscopy following irradiation of human skin with ultraviolet B and effect of indomethacin, 643P
Prostaglandin $F_{2\alpha}$, levels of, determined by gas chromatography-mass spectroscopy following irradiation of human skin with ultraviolet B and effect of indomethacin, 643P
Prostaglandin synthetase, comparative effects of diflunisal and aspirin on, from human platelets and sheep seminal vesicles, 15S
Protein binding, a simple, small-volume ultrafiltration apparatus applicable to studies of, 405P
Prothrombin, effect of diflunisal on, 37S
Psoriasis, aryl hydroxylase activity in, 644P
Pulse, effect of combination of nomifensine and alcohol on, 147S
Pulse rate, comparative effectiveness of clonidine and propranolol in reducing, in moderate hypertension, 289
—, effect of glycopyrronium on, 383P
—, effects of labetalol and propranolol on, in histamine-induced bronchoconstriction in normal subjects, 157
—, effect of parental hyoscine butylbromide on, in healthy students, 337
Pupil, diameter of, following single doses of butriptyline and desipramine, 91
Pupil size, effect of glycopyrronium on, in bright and standard room light, 383P
Pyridostigmine, plasma concentration and effects of, in myasthenia gravis, 404P

Q

Quality control, need for external, in measurement of serum antiepileptic drug concentration, 734P
Quinine, absorption kinetics of aspirin and, in elderly subjects, 397P
—, comparison of plasma concentration curves of, following oral administration of some short- and long-acting formulations, 449
Quinidine arabogalactansulphate, comparison of quinidine plasma concentration curves of, and other formulations, 449
Quinidine bisulphate, comparison of quinidine plasma concentration curves of, and other formulations, 449
Quinidine polygalacturonate, equivalent to quinidine sulphate in its absorption and elimination kinetics, 449
Quinidine sulphate, as reference preparation for comparison of quinidine plasma levels following oral administration of various formulations, 449

R

Radioenzymatic assay, modification of existing technique to provide sensitive assay of plasma adrenaline and noradrenaline, 553
Radioimmunoassay, a direct, for flupenthixol in plasma, 407P
—, for measurement of phenytoin concentrations in saliva and serum, 185
—, sensitive test for determination of nomifensine in serum plasma and urine, 123S
^{86}Rb, uptake of, by human erythrocytes as a measure of digoxin therapy, 213
Reaction time, an EEG method to monitor drug effects on stimulus, response and motor components of, 659P
—, changes in, after nitrazepam and glutethimide, 109
Rectum, absorption and disposition of meptazinol following administration by way of, 163
Refrigerants, potential hazards in overuse of chlorofluorocarbon, 663
Renal function, enzyme induction and, in man, 33
—, no correlation found between, and microsomal enzyme activity in man, 33
Respiration, pharmacokinetics of a microcrystalline theophylline tablet in treatment of chronic obstructive airways disease, 728P
Rheumatoid arthritis, efficacy and serum concentrations of flurbiprofen in, 623
Rhinitis, development of allergic, following replacement of systemic corticosteroid therapy for beclomethasone dipropionate aerosol in chronic asthma, 275S
—, preliminary results of long-term study into efficacy of beclomethasone dispropionate aerosol in perennial, 281S
—, review of experience of beclomethasone dipropionate aerosol in treatment of perennial and seasonal, 283S
—, treatment of perennial allergic, and nasal polyposis with beclomethasone dipropionate aerosol for one year showed no evidence of harmful effects on nasal mucosa such as atrophic, 287S
Rhythmodan, see disopyramide, 633P
Rifampicin, effect of, on plasma lipids in man, 398P
Rimiterol, comparative potencies and β_2-adrenoceptor selectivities of aerosols of, and salbutamol, 77

—, further studies of, administered by intermittent positive-pressure ventilation, 605
Rotahaler, bronchodilator effects of salbutamol powder administered by, 669

S

Safety, comment on reliability of evidence for new drug, 91
Salbutamol, comparative potencies and β_2-adrenoceptor selectivities of aerosols of, and rimiterol, 17
—, comparison of bronchodilator effects of, inhaled as a dry powder and by conventional pressurised aerosol, 669
—, considerably less potent a bronchodilator than NAB 365, 67
—, effect of, on bronchial smooth muscle contracted by histamine, 723P
—, effect of, on cyclic AMP response to isoprenaline in human lung parenchyma, 723P
—, effects of prolonged administration of, in normal subjects, 385P
—, further studies of, administered by intermittent positive-pressure ventilation, 605
—, improved design of inhaler for, in powder form, 689
Salicylate, effect of chronic alcohol on binding of, to serum proteins, 629P
Saline, frequency of use of, in two comparable teaching hospitals and adverse effects of infusion with isotonic, 299
Saliva, diazepam concentrations in, following single oral dose, 711
—, effect of glycopyrronium on secretion of, 383P
—, effect of parenteral hyoscine butylbromide on secretion of, in healthy students, 337
—, half-life of antipyrine in, following chronic vitamin C administration, 236
—, phenytoin concentrations in mixed, parotid and submandibular, measured by radioimmunoassay, 185
—, use of, for studies of absorption and secretion of orally administered drugs, 97
—, volume of, following single doses of butriptyline and desipramine, 91
Salmefamol, interaction between choline theophyllinate and, in patients with reversible airways obstruction, 677
SCH 1000, see ipratropium bromide, 491
Schizophrenia, brain monoamine oxidase activity in post-mortem brains from patients suffering from, 719P
—, comparison of dopamine-β-hydroxylase activity in post-mortem brains of controls and patients suffering from, 720P
—, consequences of dopamine receptor blockade in acute, 648P
—, serum prolactin as index of dopamine receptor blockade in acute, 651P
Sedation, controlled comparison of efficacy for, of lorazepam, flunitrazepam and fosazepam, 706
Seminal vesicles, comparative effects of diflunisal and aspirin on prostaglandin synthetase from sheep, 15S
Serum, phenytoin concentrations in, measured by radioimmunoassay, 185
—, sensitive radioimmunoassay for nomifensine in, 123S
Sex, effect of, on plasma phenobarbitone levels in epileptic patients, 541
—, effect of, on response of TRH-induced thyrotrophin or prolactin release to nomifensine, 191S
—, effect of, on variation of response to thiopentone, 640P
Significance, distinction between significant and important results in clinical trials, 411
Skin, activity of aryl hydroxylase in adult human, 393P
—, evidence that blood vessels in human, possess histamine H_2 receptors, 367
—, subclasses of histamine receptors on blood vessels of human, and their possible clinical significance, 657P
Sleep, changes in pattern of, after night-time administration of slow release clonidine, 634P
—, comparison of effects of repeated doses of nomifensine, imipramine and placebo on subjective assessment of, 167S
—, differences between light and sound, in residual effects of nitrazepam, 101
—, effect of butriptyline on subjective feelings and, 243
—, effect of the 1,5-benzodiazepines clobazam and triflubazam on, in man, 567
—, repeated dose comparison of dichloralphenazone, flunitrazepam and amylobarbitone sodium of some aspects of, in normal subjects, 229
—, study of, in the young adult following caffeine, 717P
Slow potentials, use of event-related, of the brain as an objective method to analyse actions of centrally-active drugs in man, 654P
Smith, Kline & French Foundation Prize Lecture, The First: The assessment of β-adrenoceptor blocking drugs in man, 413
Smoking, behavioural regulation of nicotine intake in cigarette smokers presented with a 'shortened' cigarette, 653P
—, more complaints about sore eyes in hypertensive patients under treatment with propranolol or similar agents associated with, 295
Sodium, effect of carbidopa on urinary excretion of, in man, 115
—, effect of frusemide on urinary excretion of, 121
—, excretion of, induced by frusemide, bumetanide and piretanide and relationship with urate retention, 392P
—, urinary excretion of, following spironolactone in healthy subjects, 247
Sodium fusidate, disposition of, in man, 615
Sodium valproate, disposition of, in healthy volunteers and epileptic patients, 716P
Sotalol, evaluation of once daily administration of, in man, 153
—, review of properties of, 413
Spectrofluorimetry, determination of ajmaline in plasma by, 549
Spironolactone, influence of therapeutic doses of, on liver microsomal enzyme system and digoxin elimination in man, 639P
—, plasma uric acid and response to, in healthy subjects, 247
Sputum, effect of aerosol ipratropium bromide on viscosity and volume of, in chronic bronchitis, 491
Stomach, basis for application of cimetidine in therapy of human gastric hypersecretion, 487
—, effect of metoclopramide on neonatal gastric emptying, 207
Stress, comparison of single dose of oxprenolol with lorazepam on physiological changes induced by, 402P
—, effect of minor mental, in normotensive and hypertensive subjects and its modification by β-adrenoceptor blockers, 469

—, response to frusemide in normal subjects under, 121
Subarachnoid haemorrhage, effects of propranolol on responses of human isolated basilar artery to cerebrospinal fluid obtained from patients with, 27
Sulphadiazine, effect of chronic alcohol on binding of, to serum proteins, 629P
Sulphadimidine, acetylator phenotyping of tuberculosis patients using, 5
Sulphafurazole, effect of, on binding capacity of human cord serum bilirubin, 395P
Sweat glands, effect of glycopyrronium on number of active, 383P
Symposium, report of, on pharmacokinetics of antibiotics, 255
Synovial fluid, lincomycin concentrations in, during total hip replacement, 433

T

Tachycardia, comparison of effects of penbutolol and propranolol on exercise-induced, in healthy subjects, 386P
—, comparison of effects of practolol and propranolol at high and low doses on exercise-induced, 722P
—, development of, following positive-pressure ventilation administration of rimiterol and salbutamol, 605
—, penbutolol antagonizes exercise-induced, in man, 135
Teaching aids, game based on computer simulation of phenytoin in grand mal epilepsy, 735P
Temazepam, immediate and residual effects on human performance of, 400P
Tetracycline, simultaneous pharmacokinetic analysis of, with other tetracycline antibiotics, 638P
Theophylline, influence of dietary methylxanthines on metabolism and pharmacokinetics of intravenously administered, 637P
—, pharmacokinetics of, in microcrystalline tablet form, 728P
Therapeutics, the pharmaceutical industry and postgraduate training in clinical pharmacology and, 257
Thiopentone, individual variation in response to, 640P
Thioridazine, measurement of, in blood and urine, 173
Thrombin, diflunisal inhibits platelet aggregation induced by, 19S
Thrombotest, values in patients receiving warfarin, 309
Thyroid, effect of diseased, on antipyrine elimination, 261
—, effect of dysfunction of, on elimination of β-adrenoceptor blockers, 79
—, plasma protein binding of propranolol and isoprenaline in dysfunction of, 628P
Thyrotrophin, effect of nomifensine on TRH-induced release of, 191S
—, neuroregulation of secretion of, in man, 652P
Timolol, review of properties of, 413
Tolamolol, haemodynamic long-term effects of, plus prazosin in essential hypertension, 141
Total hip replacement, bone concentrations of lincomycin during, 433
Triflubazam, effect of, on sleep in man, 567
Triglycerides, levels of, in treatment of type IIa hyperlipoproteinaemia with cholestyramine or nicotinic acid, 305
—, no change in blood levels of, during fenfluramine treatment of obese diabetics, 529
—, plasma levels of, before and after antipyrine, phenobarbitone and rifampicin, 398P
Triiodothyronine, effect of intravenous heparin on levels of serum free, 701
Tryptophan, ultrafiltration apparatus developed for determination of free and albumin-bound, in plasma, 405P
TSH, see thyrotrophin, 652P
Tuberculosis, acetylator phenotyping in, 5
Tubocurarine, interaction of halothane with, in man, 384P
Tyramine, as a substrate for monoamine oxidase activity in post-mortem brains from schizophrenics, 719P
—, effect of ciclazindol on pressor response to, in human subjects, 400P
—, influence of nomifensine and desipramine on pressor response to, in healthy volunteers, 157S
—, pressor response during different phases of the menstrual cycle, 500
***p*-Tyramine,** efficacy of, alone and in combination with phenelzine in treatment of neurogenic postural hypotension, 721P
Tyramine pressor response, following single doses of butriptyline and desipramine, 91

U

UK 14275, cardiovascular effects of, a new inotropic agent in patients with coronary heart disease, 513
Ultrafiltration apparatus, simple small-volume, applicable to protein binding studies, 405P
Urea, initial concentration of, has no relationship to toxicity of procainamide, 507
Uric acid, plasma levels of, and spironolactone response in healthy subjects, 247
—, serum levels of, during infusion of hydroxyethyl starch indicate renal function is not impaired, 591
Urine, digoxin concentrations in, following lanoxin tablets and lanoxicaps, 209
—, effect of carbidopa on sodium excretion in, in man, 115
—, excretion of ICI 74,917 in, 357
—, ibuprofen and flurbiprofen seem not to interfere with standard urine tests, 700
—, kinetics of excretion in, of chlorphentermine in man, 193
—, measurement of thioridazine in blood and, 173
—, sensitive radioimmunoassay for nomifensine in, 123S
—, volume of, following frusemide, bumetanide or piretanide, 392P
Urticaria, treatment of, may be more effective using a combination of H_1 and H_2-histamine receptor antagonists than either alone, 367

V

Videotapes, use of, in assessing antidepressants, 227S
Viloxazine, review of controlled comparison of, with nomifensine in studies carried on outside the UK, 237S
Vinblastine, as part of standard chemotherapy regime in Hodgkin's disease and effect on peripheral blood lymphocyte count, 475
—, radioimmunoassay of, and vincristine, 169
Vincristine, radioimmunoassay of vinblastine and, 169
Vitamin C, bimodal excretion of ascorbic acid following loading doses of, 731P

—, effect of supplement of, on antipyrine disposition in man, 236
Vitamin K, -dependent clotting factor synthesis inhibited more in elderly patients receiving warfarin than in younger ones, 315
—, levels of coagulation factors dependent on, in relation to age of patients, 559

W

Warfarin, age as a determinant of sensitivity to, 315
—, determinants of anticoagulant control in patients receiving, 309
—, effect of dipyridamole on platelet function compared with that of, 129
—, effect of interaction of, with other drugs on control of anticoagulant control, 309
—, influence of age on response to, 559
—, therapeutic effects and plasma concentrations of, in relation to age, 636P
Weight, has no relationship to toxicity of procainamide, 507
Wy 23409, see ciclazindol, 61

X

Xipamid, controlled study of once daily treatment of mild to moderate hypertension with, 283

British Journal of Clinical Pharmacology

Edited for the British Pharmacological Society by

Paul Turner *(Secretary)*
Annmarie Hedges *(Press Editor)*

D.L. Azarnoff
T.B. Binns
A. Breckenridge
W. Watson Buchanan
D.B. Calne
T. Chard
J. Crooks
D.S. Davies
C.T. Dollery
D.A.P. Evans
A. Goldberg
I.W.B. Grant
R.L. Hodge
J.B.L. Howell
M.H. Lader
A.F. Lant
G. Mawer
F. O'Grady
J.P. Payne
L.F. Prescott
B.N.C. Prichard
A. Richens
R.G. Shanks
F.O. Simpson
A.J. Smith
J.R. Trounce
D.W. Vere
O.L. Wade

VOLUME 4, 1977

LONDON
MACMILLAN JOURNALS LIMITED
4 LITTLE ESSEX STREET, WC2R 3LF

British Journal of Clinical Pharmacology

CONTENTS

VOLUME 4 NUMBER 1 FEBRUARY 1977

page

EDITORIAL

3 KENDALL, M.J. A year in industry.

PAPERS

5 ELLARD, G.A. & GAMMON, PATRICIA T. Acetylator phenotyping of tuberculosis patients using matrix isoniazid or sulphadimidine and its prognostic significance for treatment with several intermittent, isoniazid-containing regimens.
15 RICHARDS, D.A., WOODINGS, E.P. & MACONOCHIE, J.G. Comparison of the effects of labetalol and propranolol in healthy men at rest and during exercise.
23 SANNERSTEDT, R. & WASIR, H. Acute haemodynamic effects of metoprolol in hypertensive patients.
27 BOULLIN, D.J. & MOHAN, J. Effects of (+)- and (−)-propranolol on the responses of the human isolated basilar artery to cerebrospinal fluid obtained from patients with subarachnoid haemorrhage and cerebral arterial spasm.
33 OHNHAUS, E.E., MARTIN, J., KINSER, J. & COLOMBO, J.P. Enzyme induction and renal function in man.
39 PENTIKAINEN, P.J., PENTTILA, ANERI, NEUVONEN, P.J. & GOTHONI, G. Fate of [^{14}C]-bumetanide in man.
45 GEORGE, K.A. & DUNDEE, J.W. Relative amnesic actions of diazepam, flunitrazepam and lorazepam in man.
51 BOND, ALYSON J., HAILEY, D.M. & LADER, M.H. Plasma concentrations of benzodiazepines.
57 HALL, D. Rapid fluorimetric assay of minocycline in plasma or serum: comparison with microbiological assay.
61 SWAISLAND, A.J., FRANKLIN, R.A., SOUTHGATE, P.J. & COLEMAN, A.J. The pharmacokinetics of ciclazindol (Wy23409) in human volunteers.
67 KAMBUROFF, P.L., PRIME, F.J. & SCHMIDT, O.-P. The bronchodilator effect of NAB 365.
73 RAMSAY, L.E., TIDD, M.J., BUTLER, J.K. & VENNING, G.R. Ethical review in the pharmaceutical industry.

LETTERS TO THE EDITORS

77 MARLIN, G.E., HARTNETT, B.J.S. & BEREND, N. Comparative potencies and β_2-adrenoceptor selectivities of rimiterol and salbutamol aerosols.
79 BELL, J.M., RUSSELL, C.J., NELSON, J.K., KELLY, J.G. & McDEVITT, D.G. Studies of the effect of thyroid dysfunction on the elimination of β-adrenoceptor blocking drugs.
82 WALLACE, SUSAN. Altered plasma albumin in the newborn infant.
85 KLOTZ, U., ANTONIN, K.H. & BIECK, P. Food intake and plasma binding of diazepam.
86 BORLAND, R.G. & NICHOLSON, A.N. Residual effects of potassium clorazepate, a precursor of nordiazepam.
89 LEVY, G. Pharmacokinetic interpretation of steady state concentration of antipyrine and other drugs in plasma.
91 SIMPSON, F.O. Evidence for safety of new drugs.

page

91 GHOSE, KARABI, HUSTON, G.J., KIRBY, MARILYN J., WITTS, D.J. & TURNER, P. Some clinical pharmacological studies with butriptyline, an antidepressive drug.

VOLUME 4 NUMBER 2 APRIL 1977

EDITORIAL

97 SPEIRS, C.F. Oral absorption and secretion of drugs.

PAPERS

101 PECK, A.W., BYE, C.E. & CLARIDGE, R. Differences between light and sound sleepers in the residual effects of nitrazepam.

109 CURRY, S.H., WHELPTON, R. & SCOTT, D.F. Changes in reaction time and drug plasma concentrations after nitrazepam and glutethimide.

115 BALL, S.G. & LESS, M.R. The effect of carbidopa administration on urinary sodium excretion in man. Is dopamine an intrarenal natriuretic hormone?

121 BRANCH, R.A., ROBERTS, C.J.C., HOMEIDA, M. & LEVINE, D. Determinants of response to frusemide in normal subjects.

129 RAJAH, S.M., CROW, M.J., PENNY, A.F., AHMAD, R. & WATSON, D.A. The effect of dipyridamole on platelet function: correlation with blood levels in man.

135 GIUDICELLI, J.F., RICHER, CHRISTINE, CHAUVIN, M., IDRISSI, N. & BERDEAUX, A. Comparative β-adrenoceptor blocking effects and pharmacokinetics of penbutolol and propranolol in man.

141 LUND-JOHANSEN, P. Haemodynamic long-term effects of prazosin plus tolamolol in essential hypertension

147 LUND-JOHANSEN, P. & OHM, O.-J. Haemodynamic long-term effects of metoprolol at rest and during exercise in essential hypertension.

153 McDEVITT, D.G. & SHANKS, R.G. Evaluation of once daily sotalol administration in man.

157 MACONOCHIE, J.G., WOODINGS, E.P. & RICHARDS, D.A. Effects of labetalol and propranolol on histamine-induced bronchoconstriction in normal subjects.

163 FRANKLIN, R.A., SOUTHGATE, P.J. & COLEMAN, A.J. Studies on the absorption and disposition of meptazinol following rectal administration.

169 TEALE, J.D., CLOUGH, JACQUELINE M. & MARKS, V. Radioimmunoassay of vinblastine and vincristine.

173 NG, C.H. & CRAMMER, J.L. Measurement of thioridazine in blood and urine.

185 PAXTON, J.W., WHITING, B. & STEPHEN, K.W. Phenytoin concentrations in mixed, parotid and submandibular saliva and serum measured by radioimmunoassay.

193 BECKETT, A.H. & BELANGER, P.M. The metabolism, distribution and elimination of chlorphentermine in man.

201 HEWICK, D.S., NEWBURY, P., HOPWOOD, S., NAYLOR, G. & MOODY, J. Age as a factor affecting lithium therapy.

207 BLUMENTHAL, I. & COSTALOS, C. The effect of metoclopramide on neonatal gastric emptying.

209 JOHNSON, B.F., SMITH, GILLIAN & FRENCH, J. The comparability of dosage regimens of lanoxin tablets and lanoxicaps.

213 ARONSON, J.K., GRAHAME-SMITH, D.G., HALLIS, K.F., HIBBLE, A. & WIGLEY, F. Monitoring digoxin therapy: I. Plasma concentrations and an *in vitro* assay of tissue response.

page

223 ARONSON, J.K. & GRAHAME-SMITH, D.G. Monitoring digoxin therapy: II. Determinants of the apparent volume of distribution.
229 HINDMARCH, I., PARROTT, A.C. & ARENILLAS, L. A repeated dose comparison of dichloralphenazone, flunitrazepam and amylobarbitone sodium on some aspects of sleep and early morning behaviour in normal subjects.

LETTERS TO THE EDITORS

235 REISSELL, P., OJALA, KAARINA, MANNINEN, V. & SOTHMAN, A. Correlation of digoxin-tablet dissolution-rate with biological availability.
236 HOUSTON, J.B. Effect of vitamin C supplement on antipyrine disposition in man.
240 WOOD, A.J. Cerebrospinal fluid concentration of metoprolol in a hypertensive patient.
241 BLUMENTHAL, H.P., FUNG, HO-LEUNG, McNIFF, E.F. & YAP, S.K. Plasma nitroglycerin levels after sublingual oral and topical administration.
243 BREZINOVA, VLASTA, BORROW, SHARON, OSWALD, I. & ROBINSON, DOROTHY. Effect of butriptyline on subjective feelings and sleep.
245 RODEN, S., HARVEY, P. & MITCHARD, M. The effect of ethanol on residual plasma methaqualone concentrations and behaviour in volunteers who have taken Mandrax.
247 RAMSAY, L.E., SHELTON, J.R. & HARRISON, I.R. Plasma uric acid spironolactone response in healthy subjects.
249 WITTS, D.J. & TURNER, P. A single comprehensive gas chromatographic assay for tricyclic and tetracyclic antidepressant drugs and their major metabolites in plasma.

VOLUME 4 NUMBER 3 JUNE 1977

EDITORIALS

255 SMITH, A.J. & TUCKER, G.T. Pharmacokinetics of antibiotics
257 RAWLINS, M.D. The role of the pharmaceutical industry in postgraduate medical education

PAPERS

261 STEVENSON, I.H. The First Lilly Prize Lecture, University of Dundee, July 1976. Factors influencing antipyrine elimination.
267 PARSONS, R.L., HOSSACK, GILLIAN A. & PADDOCK, GILLIAN M. Pharmacokinetics of pivmecillinam.
275 NYBERG, G. Indirect blood pressure and heart rate measured quickly without observer bias using a semi-automatic machine (Auto-Manometer)—response to isometric exercise in normal healthy males and its modification by β-adrenoceptor blockade.
283 WEBER, J.C.P., BIRD, H., COSH, J., DAVIES, P.S., DIXON, A. St. J., LISTER, J., PETTS, H.V., PRICHARD, B.N.C. & RAFTERY, E.B. Once daily treatment of mild to moderate hypertension with xipamid: a controlled study.
289 WILKINSON, P.R. & RAFTERY, E.B. A comparative trial of clonidine, propranolol and placebo in the treatment of moderate hypertension.
295 DOLLERY, C.T., BULPITT, C.J., DANIEL, J. & CLIFTON, P. Eye symptoms in patients taking propranolol and other hypotensive agents.
299 LAWSON, D.H. Intravenous fluids in medical in-patients.
305 MANN, J.I., HARDING, P.A., TURNER, R.C. & WILKINSON, R. H. A comparison of cholestyramine and nicotinic acid in the treatment of familial type II hyperlipoproteinaemia.
309 O'MALLEY, K., STEVENSON, I.H., WARD, C.A., WOOD, A.J.J. & CROOKS, J. Determinants of anticoagulant control in patients receiving warfarin.
315 SHEPHERD, A.M.M., HEWICK, D.S., MORELAND, T.A. & STEVENSON, I.H. Age as a determinant of sensitivity to warfarin.

page

321 HOLT, D.W., WILLIAMSON, J.D. & VOLANS, G.N. Digoxin measurements in general practice.
327 DOBBS, SYLVIA M., RODGERS, ELAINE M., KENYON, W.I., LIVSHIN, D., SLATER, E. & GODSMARK, BERNICE. Digoxin prescribing in perspective.
337 HERXHEIMER, A. & de GROOT, A.C. Some effects of injected hyoscine butylbromide: a versatile class experiment in human pharmacology.
343 PARKES, J.D., DEBONO, A.G., JENNER, P. & WALTERS, J. Amphetamines, growth hormone and narcolepsy.
351 WILSON, C.G., MAY, C.S. & PATERSON, J.W. Plasma prednisolone levels in man following administration in plain and enteric-coated forms.
357 PICKUP, M.E., JOHNSON, A.J., MAY, C.S., PATERSON, J.W. & HARRISON, M.P. The absorption and elimination of ICI 74,917 in man.
367 MARKS, R. & GREAVES, M.W. Vascular reaction to histamine and compound 48/80 in human skin: suppression by a histamine H_2-receptor blocking agent.

LETTERS TO THE EDITORS

371 MEIER, J. & NÜESCH, J. Pindolol, A β-adrenoceptor blocking agent with a negligible first-pass effect.
373 HARES, PAMELA, JAMES, I.M. & GRIFFITH, D. The effect of acebutolol on the cerebral circulation of man
376 PATERSON, I.C., WILLEY, R.F. & GRANT, I.W.B. Effects of prolonged administration of pirbuterol by mouth in chronic asthma.
378 ALBANI, M., SCHULTE, F.J. & TOSELAND, P.A. An index for prescribing phenytoin in childhood.
380 BRADBROOK, I.D., JAMES, C. & ROGERS, H.J. A rapid method for the determination of plasma mexiletine levels by gas chromatography.
383P PROCEEDINGS OF THE BRITISH PHARMACOLOGICAL SOCIETY, Liverpool, 30–31 March, 1977.

VOLUME 4 NUMBER 4 AUGUST 1977

EDITORIAL

411 WADE, O.L. & WATERHOUSE, J.H. Significant or important?

PAPERS

413 McDEVITT, D.G. The assessment of β-adrenoceptor blocking drugs in man.
427 BARBHAIYA, R.H. & TURNER, P. Fluorimetric assay of cephradine, cephalexin and cephaloglycin.
433 PARSONS, R.L., BEAVIS, J.P., HOSSACK, GILLIAN A. & PADDOCK, GILLIAN M. Plasma, bone, hip capsule, synovial and drain fluid concentrations of lincomycin during total hip replacement.
439 NATION, R.L., TRIGGS, E.J. & SELIG, M. Lignocaine kinetics in cardiac patients and aged subjects.
449 FRIGO, G.M., PERUCCA, E., TEGGIA-DROGHI, M., GATTI, G., MUSSINI, A. & SALERNO, J. Comparison of quinidine plasma concentration curves following oral administration of some short- and long-acting formulations.
455 BARNETT, D., CRAIG, J.G., ROBINSON, D.S. & PERENNA ROGERS, M. Effect of clofibrate on glucose tolerance in maturity onset diabetes.
459 KIRBY, MARILYN J. & TURNER, P. Ciclazindol and mazindol on glucose uptake into human isolated skeletal muscle: no interaction of mazindol with methysergide.

page

463 VAIDYA, ASHOK, B., SEN, H.G., MANKODI, N.A., PAUL, TERESA & SHETH, U.K. Phase 1 tolerability and searching dose studies with 4-isothiocyanato-4′-nitrodiphenylamine (C.9333-Go/CGP 4540), a new anthelmintic.
469 NYBERG, G., GRAHAM, R.M. & STOKES, G.S. The effect of mental arithmetic in normotensive and hypertensive subjects, and its modification by β-adrenergic receptor blockade.
475 CLAY, A., SWAIN, A. & TROUNCE, J.R. The effect of quadruple chemotherapy on the peripheral blood lymphocyte populations in Hodgkin's disease.
479 BENNIE, E.H., MANZOOR, A.K.M., SCOTT, A.M. & FELL, G.S. Serum concentrations of lithium after three proprietary preparations of lithium carbonate (Priadel, Phasal and Camcolit).

LETTERS TO THE EDITORS

485 PERUCCA, E. & RICHENS, A. Interaction between phenytoin and imipramine.
486 BOAKES, A.J. Antagonism of betandine by azindol.
487 SIMON, B. & KATHER, H. Rational basis for the application of cimetidine in the therapy of human gastric hypersecretion.
489 TURNER, JENNIFER, DOBBS, SYLVIA M., NICHOLSON, P.W., McGILL, A.P.J. & RODGERS, ELAINE M. Influence of diet on digoxin dose requirements.
491 MAY, C.S. & PALMER, K.N.V. Effect of aerosol ipratropium bromide (SCH 1000) on sputum viscosity and volume in chronic bronchitis.
492 CHAPUT DE SAINTONGE, D.M., VERE, D.W. & SHARMAN, V.L. Diazepam or nitrazepam? A question of cost.
494 NICHOLSON, A.N. & WRIGHT, CATHERINE M. Activity of fosazepam, a soluble analogue of diazepam.
497 FOWLE, A.S.E. & O'GRADY, J. Methods of repeated venous sampling in man.
497 KENDALL, M.J., BROWN, DEIRDRE & YATES, R.A. Plasma metoprolol concentrations in young, old and hypertensive subjects.
499 KATHER, H. & SIMON, B. β-Adrenoceptor blocking agents and human fat cell adenylate cyclase.
500 GHOSE, KARABI & TURNER, P. The menstrual cycle and the tyramine pressor response test.

VOLUME 4 NUMBER 5 OCTOBER 1977

PAPERS

507 LAWSON, D.H. & JICK, H. Adverse reactions to procainamide.
513 HUTTON, I., HILLIS, W.S., LANGHAN, C.E., CONELY, J.M. & LAWRIE, T.D.V. Cardiovascular effects of a new inotropic agent, U.K. 14275, in patients with coronary heart disease.
519 WINKLE, R.A., MEFFIN, P.J., RICKS, W.B. & HARRISON, D.C. Acebutolol metabolite plasma concentration during chronic oral therapy.
523 JEFFERS, T.A., WEBSTER, J., PETRIE, J.C. & BARKER, N.P. Atenolol once-daily in hypertension.
529 LARSEN, S., VEJTORP, L., HORNNES, P., BECHGAARD, H., SESTOFT, L. & LYNGSØE, J. Metabolic effects of fenfluramine in obese diabetics.
535 MORSELLI, P.L., BARUZZI, A., GERNA, M., BOSSI, L. & PORTA, M. Carbamazepine and carbamazepine-10,11-epoxide concentrations in human brain.
541 EADIE, M.J., LANDER, C.M., HOOPER, W.D. & TYRER, J.H. Factors influencing plasma phenobarbitone levels in epileptic patients.
549 WELMAN, ELIZABETH, CURRY, P.V.L., KRIKLER, D.M., ROWLANDS, E. & CALLOWHILL, E.A. A spectrofluorometric method for the determination of ajmaline in plasma.

page

553 HÖRTNAGL, HEIDE, BENEDICT, C.R., GRAHAME-SMITH, D.G. & McGRATH, B. A sensitive radioenzymatic assay for adrenaline and noradrenaline in plasma.
559 HUSTED, S. & ANDREASEN, F. The influence of age on the response to anticoagulants.
567 NICHOLSON, A.N., STONE, BARBARA M. & CLARKE, CORAL H. Effect of the 1,5-benzodiazepines, clobazam and triflubazam, on sleep in man.
573 HINDMARCH, I., HANKS, G.W. & HEWETT, A.J. Clobazam, a 1,5-benzodiazepine, and car-driving ability.
579 CHATFIELD, D.H., TARRANT, M.E., SMITH, G.L. & SPEIRS, C.F. Pharmacokinetic studies with benoxaprofen in man: prediction of steady-state levels from single-dose data.
585 SMITH, G.L., GOULBOURN, ROSEMARY A., BURT, R.A.P. & CHATFIELD, D.H. Preliminary studies of absorption and excretion of benoxaprofen in man.
591 MISHLER, J.M., BORBERG, H., EMERSON, PAULINE M. & GROSS, R. Hydroxyethyl starch. An agent for hypovolaemic shock treatment II. Urinary excretion in normal volunteers following three consecutive daily infusions.
597 MORRISON, P.J., BRADBROOK, I.D. & ROGERS, H.J. Plasma prednisolone levels from enteric and non-enteric coated tablets estimated by an original technique.
605 PATERSON, I.C., WILLEY, R.F., SHOTTER, MARGARET V. & CROMPTON, G.K. Further studies of rimiterol and salbutamol administered by intermittent positive-pressure ventilation, and an important observation on the technique of using the Bennett ventilator.
611 HOWIE, J.G.R., JEFFERS, T.A., MILLAR, H.R. & PETRIE, J.C. Prevention of adverse drug interactions.
615 WISE, R. PIPPARD, M. & MITCHARD, M. The disposition of sodium fusidate in man.

LETTERS TO THE EDITORS

621 AARBAKKE, J., BENDING, M.R. & DAVIES, D.S. Increased oxidation of phenylbutazone during hydrocortisone infusion in man.
624 CAPELL, H.A., KONETSCHNIK, B. & GLASS, R.C. Anti-inflammatory analgesic drug responders and non-responders: a clinico-pharmacological study of flurbiprofen.
626 KARCH, F.E., WARDELL, W.M., DAMBLY, MARY & GRINGERI, A. Effect of halofenate on the serum binding of phenytoin.
627P PROCEEDINGS OF THE BRITISH PHARMACOLOGICAL SOCIETY, Newcastle, 13–15 July, 1977.

VOLUME 4 NUMBER 6 DECEMBER 1977

EDITORIALS

663 McLEAN, A.E.M. Chlorofluorocarbons–in the can, in man and in the atmosphere.

PAPERS

667 HUNTER, K.R. James Parkinson (1755–1824): A lesson for clinical pharmacology in 1977.
669 DUNCAN, D., PATERSON, C., HARRIS, D. & CROMPTON, G.K. Comparison of the bronchodilator effects of salbutamol inhaled as a dry powder and by conventional pressurised aerosol.
673 HARTLEY, J.P.R., NOGRADY, S.G., GIBBY, O.M. & SEATON, A. Bronchodilator effects of dry salbutamol powder administered by rotahaler.
677 DYSON, A.J. & CAMPBELL, I.A. Interaction between choline theophyllinate and salmefamol in patients with reversible airways obstruction.
683 AHMAD, S., PERUCCA, E. & RICHENS, A. The effect of frusemide, mexiletine, (+)-propranolol and three benzodiazepine drugs on interictal spike discharges in the electroencephalograms of epileptic patients.

page

LETTERS TO THE EDITORS

689 HALLWORTH, G.W. An improved design of powder inhaler.
691 TWYCROSS, R.G. A comparison of diamorphine-with-cocaine and methadone.
693 GARRETTSON, L.K. & GOMEZ, M. Phenytoin-primidone interaction.
695 MULLEN, P.W. Cancer immunotherapy and drug disposition.
699 CHAPUT DE SAINTONGE, D.M. Measuring patient compliance using single head hairs.
700 MORGAN, D.A.L. & BROWN, D.J. Ibuprofen and flurbiprofen: no interference with urine tests.
701 THOMSON, J.E., BAIRD, S.G. & THOMSON, J.A. Effect of i.v. heparin on serum free triiodothyronine levels.
702 HERXHEIMER, A. & MAHADEVA, S. Plasma prednisolone levels after administration in plain and enteric-coated tablets.
703 WILSON, C.G., MAY, C.S. & PATERSON, J.W. Plasma prednisolone levels after administration in plain and enteric-coated tablets.
704 JAMES, V.H.T. & HULME, B. Plasma prednisolone levels after administration in plain and enteric-coated tablets.
704 SCHÜRMANN, W. & WADSWORTH, J. Errors in half-life determinations under multi-compartment conditions.
706 DUNDEE, J.W., JOHNSTON, H.M.L., LILBURN, J.K., NAIR, S.G. & SCOTT, M.G. A placebo-controlled comparison of the sedative properties of three benzodiazepines, lorazepam, flunitrazepam and fosazepam.
709 BREIMER, D.D., BRACHT, H. & DE BOER, A.G. Plasma level profile of nitrazepam (Mogadon®) following oral administration.
711 GILES, H.G., ZILM, D.H., FRECKER, R.C., MACLEOD, S.M. & SELLERS, E.M. Saliva and plasma concentrations of diazepam after a single oral dose.
712 GHOSE, KARABI. Studies on the interaction between mianserin and noradrenaline in patients suffering from depressive illness.
715P PROCEEDINGS OF THE BRITISH PHARMACOLOGICAL SOCIETY, University of Manchester, 7–9 September, 1977.

VOLUME 4 SUPPLEMENT 1 1977

5S SARETT, LEWIS H. Historical perspectives.
7S HANNAH, J., RUYLE, W.V., JONES, H., MATZUK, A.R., KELLY, K.W., WITZEL, B.E., HOLTZ, W.J., HOUSER, R.W., SHEN, T.Y. & SARETT, L.H. Discovery of diflunisal.
15S MAJERUS, PHILIP W. & STANFORD, NANCY. Comparative effects of aspirin and diflunisal on prostaglandin synthetase from human platelets and sheep seminal vesicles.
19S STONE, C.A., VAN ARMAN, C.G., LOTTI, V.J., MINSKER, D.H., RISLEY, E.A., BAGDON, W.J., BOKELMAN, D.L., JENSEN, R.D., MENDLOWSKI, B., TATE, C.L., PECK, H.M., ZWICKEY, R.E. & McKINNEY, S.E. Pharmacology and toxicology of diflusinal.
31S TEMPERO, K.F., CIRILLO, V.J. & STEELMAN, S.L. Diflunisal: a review of pharmacokinetic and pharmacodynamic properties, drug interactions, and special tolerability studies in humans.
37S SMIT SIBINGA, C.Th. Effects of diflusinal on platelet function and blood coagulation.
39S VAN WINZUM, C. & RODDA, B. Diflunisal: efficacy in postoperative pain.
45S ANDREW, A., RODDA, B., VERHAEST, L. & VAN WINZUM, C. Diflusinal: six-month experience in osteoarthritis.

VOLUME 4 SUPPLEMENT 2 1977

page

53S CONTENTS
55S INTRODUCTION
57S SPENCER, P.S.J. Review of the pharmacology of existing antidepressants.
69S HOFFMANN, IRMGARD. A comparative review of the pharmacology of nomifensine.
77S SCHACHT, U., LEVEN, M. & BACKER, G. Studies on brain metabolism of biogenic amines.
89S COSTALL, B. & NAYLOR, R.J. Further aspects of nomifensine pharmacology.
101S TRIMBLE, M.R., MELDRUM, B.S. & ANLEZARK, G. Effect of nomifensine on brain amines and epilepsy in photosensitive baboons.
109S KELLNER, H.-M., BAEDER, C., CHRIST, O., HEPTNER, W., HORNKE, I. & INGS, R.M.J. Kinetics and metabolism of nomifensine in animals.
117S CHAMBERLAIN, J. & HILL, H.M. A simple gas chromatographic method for the determination of nomifensine in plasma and a comparison of the method with other available techniques.
123S HEPTNER, W., BADIAN, M.J., BAUDNER, S., CHRIST, O.E., FRASER, H.M., RUPP, W., WEIMER, K.E. & WISSMANN, H. Determination of nomifensine by a sensitive radioimmunoassay.
129S RINGOIR, S., LAMEIRE, N., MUNCHE, M., HEPTNER, W. & TAEUBER, K. Pharmacokinetics of nomifensine in impaired renal function.
135S LADER, M. Human pharmacology of antidepressives.
143S RUPP, W., HEPTNER, W., UIHLEIN, M., BENDER, R. & TAEUBER, K. Kinetic interaction of nomifensine with a 1, 5-benzodiazepine (clobazam).
147S TAEUBER, K. Dynamic interaction of nomifensine with alcohol.
153S WITTENBORN, J.R. Contrasts in antidepressant medications.
157S McEWEN, J. Influence of nomifensine and desipramine on tyramine pressor responses in healthy volunteers.
159S EHSANULLAH, R.S.B. & TURNER, P. Effects of nomifensine *in vitro* on uptake of 5-hydroxytryptamine and dopamine into human platelets.
165S LINGJAERDE, O. Nomifensine symposium: discussion after paper by R. Ehsanullah and P. Turner.
167S HINDMARCH, I. & PARROTT, A.C. Repeated dose comparison of nomifensine, imipramine and placebo on subjective assessments of sleep and objective measures of psychomotor performance.
175S HINDMARCH, I. Laboratory investigation of effect of acute doses of nomifensine on a simulated aspect of night-time car driving performance.
179S VAN SCHEYEN, J.D., VAN PRAAG, H.M. & KORF, J. Controlled study comparing nomifensine and clomipramine in unipolar depression, using the probenecid technique.
185S PARK, D.M., FINDLEY, L.J. & TEYCHENNE, P.F. Nomifensine in parkinsonism.
187S BEDARD, P., PARKES, J.D. & MARSDEN, C.D. Nomifensine in Parkinson's disease.
191S SCANLON, M.F., GOMEZ-PAN, A., MORA, B., COOK, D.B., DEWAR, J.H., HILDYARD, A., WEIGHTMAN, D.R., EVERED, D.C. & HALL, R. Effects of nomifensine, an inhibitor of endogenous catecholamine re-uptake, in acromegaly, in hyperprolactinaemia, and against stimulated prolactin release in man.
199S JENNER, F.A. Some of the problems and difficulties associated with clinical studies of anti-depressant agents.
209S TAEUBER, K. Comparison of nomifensine and placebo.
215S FORREST, A., HEWETT, A. & NICHOLSON, P. Controlled randomized group comparison of nomifensine and imipramine in depressive illness.
221S GROF, P., SAXENA, B., DAIGLE, L. & MAHUTTE, G. Dopaminergic agonist nomifensine compared with amitriptyline: a double-blind clinical trial in acute primary depressions.
227S LITTLE, J., McCLELLAND, H.A. & KERR, T.A. Videotape technique in assessing antidepressants.
233S McCLELLAND, H.A., KERR, T.A. & LITTLE, J.C. A clinical comparison of nomifensine and amitriptyline.
237S HABERMANN, W. A review of controlled studies with nomifensine, performed outside the UK.
243S HANKS, G.W. A profile of nomifensine.

page

251S GRANT, I.W.B. & TURNER, P. Beclomethasone dipropionate aerosol.

253S COOPER, E.J. & GRANT, I.W.B. Beclomethasone dipropionate aerosol in treatment of chronic asthma.

255S CHATTERJEE, S.S. Experience with the use of a corticosteroid aerosol.

259S BROWN, H. MORROW, STOREY, G. & JACKSON, F.A. Beclomethasone dipropionate aerosol in long-term treatment of perennial and seasonal asthma in children and adults: a report of five-and-half years' experience in 600 asthmatic patients.

269S GWYNN, C.M. & SMITH, J. MORRISON. Long-term results with beclomethasone dipropionate aerosol in children with bronchial asthma: why does it sometimes fail?

273S GODFREY, S., BALFOUR-LYNN, L. & TOOLEY, M. Beclomethasone dipropionate aerosol in childhood asthma: a three- to five-year follow-up.

275S GREGG, I. Experience of the use of beclomethasone dipropionate aerosol in general practice.

281S WEBB, A.K. Beclomethasone dipropionate aerosol in perennial rhinitis: preliminary results of medical research council/Brompton Hospital cooperative long-term study.

283S BROWN, H. MORROW, STOREY, G. & JACKSON, F.A. Beclomethasone dipropionate aerosol in treatment of perennial and seasonal rhinitis: a review of five years' experience.

287S MYGIND, N. Effects of beclomethasone dipropionate aerosol on nasal mucosa.

293S THIRINGER, G., ERIKSSON, N., MALMBERG, R., SVEDMYR, N. & ZETTERGREN, L. Bronchoscopic biopsies of bronchial mucosa before and after beclomethasone dipropionate therapy.

295S POYNTER, D. Beclomethasone dipropionate aerosol and nasal mucosa.

303S EDGE, GERALDINE, LONGBOTTOM, JOAN L., TEE, ROSEMARY D. & PEPYS, J. Immunological investigations of *Candida albicans* in respiratory disease.